BULLETIN

AMERICAN INSTITUTE OF ARCHITECTS
OCT 20 1967
LIBRARY

michigan society of architects october 1967 50c

The Diggers.

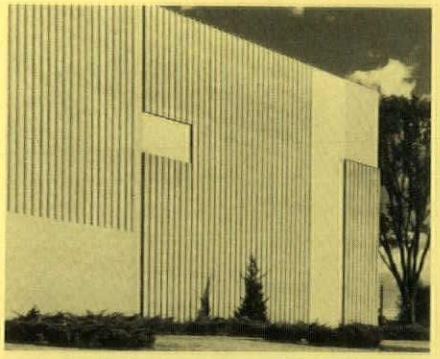
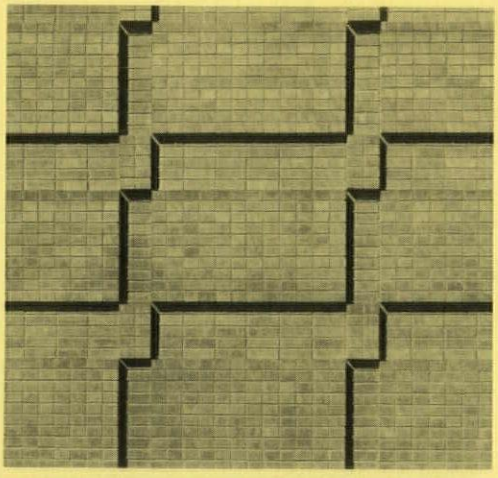
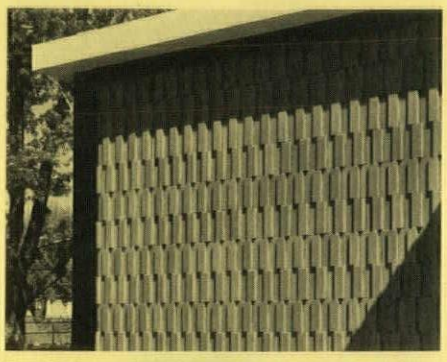
Our team will pitch right in to help you install Gas more quickly, easily.

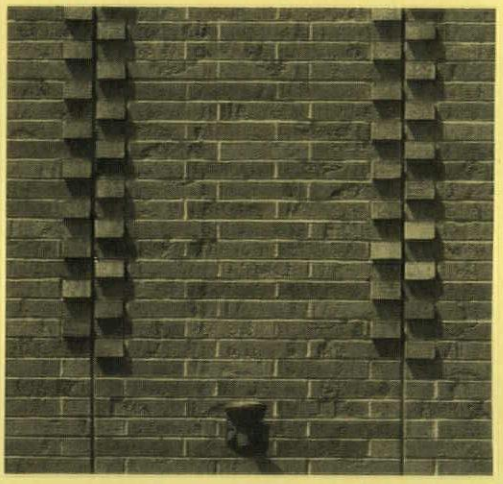
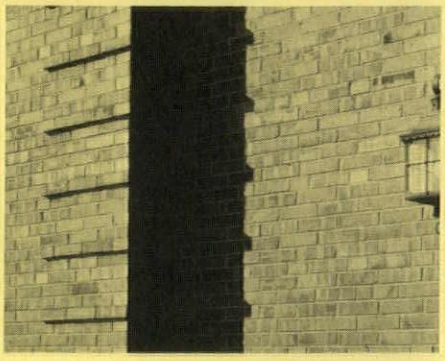
You ask the questions. We supply the answers promptly and accurately. Suppose you asked us: "We are adding four units to a six-unit apartment building. Will the present heating system accommodate it? How much will it cost to operate Gas air conditioning in a home of 2900 square feet?" Ask us any tough question that comes to mind. We'll see you get the right answer, so your project is equipped the most efficient, economical way. We want you to get it finished and sold faster. Just call our New Business Department. And watch us dig in.

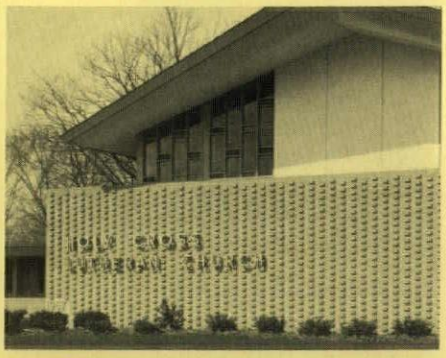
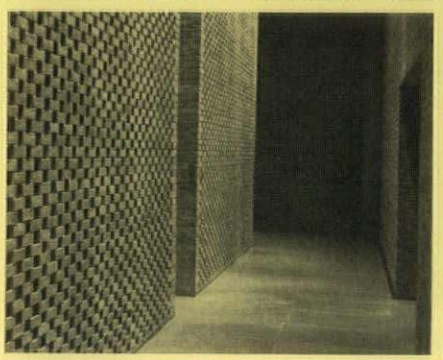
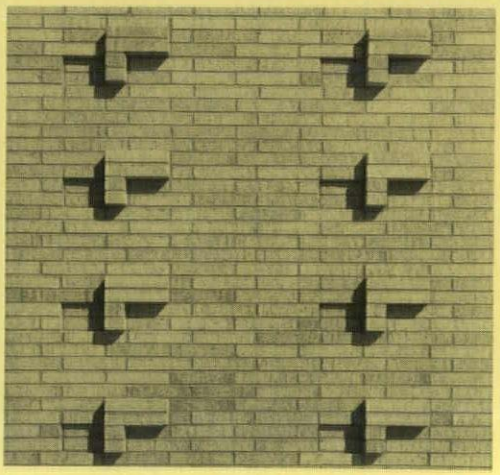
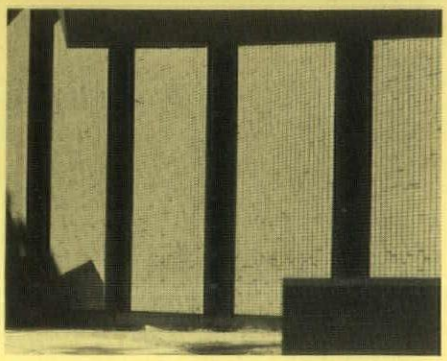
MICHIGAN CONSOLIDATED GAS COMPANY

personality

Every building, even though it might rest within a complex of other structures, has a personality of its own. One material, more than any other, provides the architect with the color, texture, and flexibility to create this individual personality. This material is . . . the imaginative material — **brick**

REGION 4 SCPI

REGION 4 — STRUCTURAL CLAY PRODUCTS INSTITUTE 2556 Clearview Ave. N. W., Canton, O.; 15200 S. Deepwood Lane, Chagrin Falls, O.; 100 Fleet St., Pittsburgh

EDITORIAL

People in the building industry are, by the nature of things, generally interested in growth, expansion, and such. Therefore the rapid growth of the nation's population in recent years, founded in part on the "baby boom" we have been experiencing has been a comforting thing to watch. But now, the "boom" in babies appears to be over. The statistical curve of the birth rate has been on the downgrade for several years now, with the present score standing at 93 births per year for every 1000 women of child-bearing age. The recent high in this very revealing statistical curve was 123, reached in 1957. A look at previous highs and lows shows fluctuations that generally follow the nation's economic condition, and show the fact that family sizes definitely react to this. In 1910 the score stood at 126, but slipped to 120 by 1921. Then began a rapid slide to 76 in 1935 at the worst of the depression. By 1950 postwar recovery had raised it again to 106. The "boom" reached its 1957 peak, and now appears to be over. If the birthrate should continue until 1980 at its present rate, the nation's population would be roughly 233 million — 24 million fewer than if it had continued until then at the 1957 rate. The "explosion" of the population is over—the slow, steady growth is not.

Although this slow-down is somewhat sobering, and will cause a relative decline in certain industries and business efforts — obstetricians, baby foods, pediatricians, toys, etc. —this certainly does not spell the decline of the nation nor suggest that architects should hang up their T-squares. Not only does the normal birthrate far outdistance the death rate, even though not by quite the margin of ten years ago, but the statistical bulge caused in the new-born ranks is still with us, and will be for another 50 to 75 years, by which time another bulge will very likely have come along. For this particular segment of the population, the emphasis on what it needs and wants will be shifted as its age level increases and its activities change. Already declining populations are being felt in maternity wards and kindergartens, suggesting that fewer of these need to be added even now. In the years ahead this will be true for elementary schools. *Fewer* new ones will be needed — not *no more* will be needed. But at the same time, the need for high schools will grow, and it will be many years before there will be any lessening of the need for more and more new college level facilities.

Then too, as the age level increases so will the need for the things the young family needs, beginning with housing. When the ten year olds of today marry and establish their own households, predictions are that they will tend to limit their family sizes (this is typical of people brought up in relatively large families, the reverse being true as well. The parents of children born in the 50's were themselves born in the low-income small families of the 1930's) and at the same time available money will increase. Wives will more often hold jobs and children will come later, giving the young family more time and more wherewithal to spend, better housing, more and better education for their children, and more free times for recreation.

This basic easing of population pressures will produce several beneficial side effects too. Communities will have more time, better leverage, and most likely greater financial resources to plan and prepare new facilities for a more gradual population growth.

Presently about one million new households are formed each year. There are 58 million households now, and it is estimated that this figure will grow to around 83 million by 1985. Michigan's portion of national statistics will remain around 4%, where it has been for the last 30 years. It grew from 3% in 1910 to 4% in 1945, and has hovered near there ever since. This would give Michigan nearly 11 million people and nearly 3.5 million households in 1985 against the present 8.5 million people and 2.5 million households. We will be busy indeed, providing for all these — so instead of hanging up the T-square, better we should each go out and buy an additional one. There will be a lot to build.

Statistics are from the U.S. Bureau of the Census and from studies by Dr. J. F. Thaden of the Institute for Community Development at Michigan State University.

David L. Williams, AIA
Editor

BULLETIN

michigan society of architects october 1967

THE MONTHLY BULLETIN IS PUBLISHED FOR THE MICHIGAN SOCIETY OF ARCHITECTS TO ADVANCE THE PROFESSION OF ARCHITECTURE IN THE STATE OF MICHIGAN.

MSA OFFICERS
PRESIDENT
Jay S. Pettitt, Jr.
VICE PRESIDENT
Chase Black
SECRETARY
F. Huston Colvin
TREASURER
Louis Menk
MSA DIRECTORS
Ralph Bergsma
Harold Cunningham
Bernard J. DeVries
Howard DeWolf
Jackson B. Hallett
Jack Monteith
James B. Morison
James E. Tomblinson
Robert L. Wold
DIRECTOR
MICHIGAN REGION
Philip J. Meathe
EDITOR
David L. Williams, AIA
MANAGING EDITOR —
Ann Stacy
ADVERTISING
DIRECTOR
Charles O. Irvine
GRAPHIC ARTS
CONSULTANT —
Gary R. Grout
Ann Arbor Press

Month'y Bulletin, Michigan Society o; Architects, the official publication of the Society; all Michigan Chapters of the American Institute of Architects; Women's Architectural League of Detroit (WALD); Producers Council, Inc., Michigan Chapter; Builders & Traders Exchanges of Detroit, Grand Rapids and Lansing is published monthly by the Michigan Architectural Foundation; Editorial and Advertising Offices—28 West Adams, Detroit 26, Michigan, Phone 965-4100.

Volume 42 — No. 10

2 Editorial

4 Ralph W. Hammett, AIA

6 News

9 Roster of Firms

18 "History Comes Alive", Frank & Stein Associates

26 Classified
Obituaries

28 Graphic Impressions — Elmer J. Manson, AIA

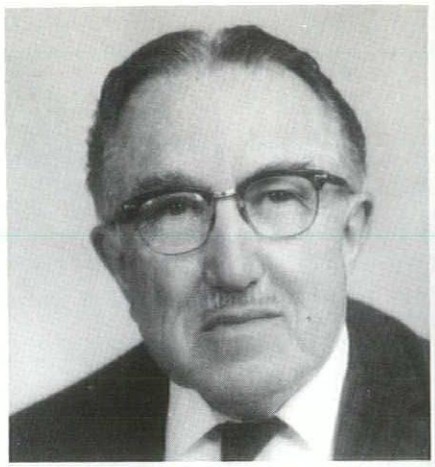
38 Advertisers Index
Calendar

The cover this month is from the European Sketchbook of Elmer Manson of the Mid-Michigan Chapter.

Monthly Bulletin, Michigan Society of Architects, is published monthly at 28 West Adams, Detroit 26, Michigan. Entered as second class matter January 15, 1946 at the Post Office at Detroit, Michigan under Act of March 3, 1879. Subscription price, $4.00 per year (members $2.00). 50 cents per copy.

Profile . . .

Ralph W. Hammett, AIA



Those of us whose architectural training began at the University of Michigan some time during the last 35 years remember with fond nostalgia Professor Hammett's classes in the History of Architecture. We sat in that half-darkened auditorium while slide after slide appeared on the giant screen following precisely the order of the descriptive material on the "right hand page." We sketched the slide on the "left hand page" and listened to the cogent and vibrant words of a man whom even the greenest of freshmen could recognize as being an expert so profound that even thoughts of football, Christmas, or the J-Hop were forgotten.

Most of us will remember, too, delightful student open houses and coffees at that marvelous old house on Pontiac Road (Greek revival, 1842), being introduced to the charming Mrs. Hammett, whom we later learned to call Gladys, and feeling the genuine welcome into a world filled with a true understanding and appreciation of the meaning of the past. Ralph had found that old house in 1933 when it was a part of the estate of a Miss Mason who had died in 1926. Her father had bought it from the Beckley family whose ancestor, Rev. Guy Beckley built it. Rev. Beckley had been one of the foremost activists in the anti-slavery movement prior to the Civil War, and the house had been a station of the underground railroad. It was called the "Haunted house" when the Hammetts got it, by virtue of rumors of its past, its last occupant, who had been very old, very poor, and very ill, and because of its extremely dilapidated condition. Ralph had restored it with the authenticity of spirit that could only come with true, deep knowledge of the task at hand.

Today Ralph Hammett is retired from the University faculty, and he and Mrs. Hammett live in a house they built ten years ago in a decidedly non-historic design idiom. It is a small but comfortable place with a butterfly roof and all the features the present day offers to ease the task of housekeeping. It is set amidst lush landscaping on high ground on the south side of the Huron River just east of Ann Arbor, and commands a vast view to the north. At 71 he is as bouncy and enthusiastic as ever, and still conveys the same youthful delight with life that so typified his lectures and his associations with all who have ever known him. His familiar gleeful grin and sudden hearty laugh still interrupts what had otherwise appeared to be a solemn discussion of some fine point of architectural knowledge, and one is still made to feel as though he had always been Ralph's closest confidant.

He permitted me to interrupt him at home one afternoon recently, where he was framing pictures — some Chinese prints, and after just chatting a bit he began to talk of his past, his travels, and his satisfactions. There unfolded the story of a full and happy life that could not have been anything but thoroughly satisfying and meaningful.

A native of Minnesota, where he was born a little before the turn of the century, he studied architecture at the University of Minnesota and later at Harvard. Then came two years as a visiting Fellow at the American Academy in Rome. He taught architecture at the University of Washington in Seattle and at Armour Institute in Chicago (now Illinois Institute of Technology) and was chief designer in the Chicago office of Eric Hall before joining the University of Michigan architectural faculty as an associate professor in 1931. He was raised to full professorship in 1942. While with Hall he was loaned to the State of Illinois for whom he directed the renovation of the interior of Lincoln's tomb in Springfield. During his U of M years he became a member of many organizations, both academic and professional, received numerous awards, and served several times as a delegate or representative at professional gatherings, including the UIA congress in Lisbon in 1953. He was on leave of absence from 1943 to 1945, serving with the army. Among the awards and decorations are the Gold Medal of the Detroit Chapter (1936) and decoration by the Academie de France (1945), and among the organizations is, of course, the Society of Architectural Historians.

His practice, in the firm of Hammett and Pettys of Ann Arbor in recent years, has been one of quiet but high quality, centering on historic restorations, churches, and houses. Among the restorations were an old block of commercial property in the north part of Ann Arbor which turned out to be the oldest such building in Michigan (it has since been replaced with a new structure) and the 1838 house of the Glover family on Grosse Ile. This had been built when Grosse Ile was an upper class residential suburb of Detroit even though some miles down river. It now serves as the Rectory for St. James Episcopal Church.

During World War II he performed a valuable and quite unusual service for the nation and for western civilization. As a staff Captain with the Headquarters of the European Theater of Operations he commanded small units operating close behind the front battle lines assessing the condition immediately after combat of buildings counted by the local government as historic monuments. It seems that frequent claims were made that an ancient chateau or church had been damaged or destroyed through vandalism or misuse during its ocupation by American troops rather than in a battle which raged about it before American occupation. If true, International Law would have held the United States responsible and the local government could claim damages against the United States. But if damage had resulted from actual hostilities the invader or subsequent

occupying army could not be held accountable. Obviously this juxtaposition of irreplaceable antiques, some of great historic note, and the endlessly affluent Uncle Sam was an open invitation for financial gain, whether justified or not. The on-the-spot analyses of existing conditions at the time of occupation, done accurately by Captain Hammett's group saved the United States millions of dollars. In addition, all major art collections of France, including that of the Louvre, were under his surveillance and protection until he released them for return to their home galleries as these became safe from wartime damage. For this work came Ralph's decoration by the Academie de France and his later elevation to the rank of Lt. Col. in the army reserve.

But Ralph Hammett's life was his teaching. He thoroughly enjoyed teaching and thoroughly enjoyed his associations with the students. His marvelous knowledge of his particular field was frequently reinforced by extensive travel into even the remotest parts of the world, and it is a source of great pride to him that of the many buildings he presented to his architectural history students, he had personally visited nearly every one, experiencing and knowing them. Many became old friends after several repeated visits. He always found time to sit down with a student and counsel him in an encouraging way, and follows with great interest the careers of former students. He has entertained many of the Architecture alumni during their visits to Ann Arbor, though in recent years this has had to be abandoned. He has left a great legacy at the corner of Monroe and Tappan Streets, and a pair of shoes that will be very difficult to fill. In the future, aside from yet more world-wide travel, he expects to write a good deal about the world's heritage of architecture, and thus leave to us at least some of his great fund of knowledge.

One the occasion of his retirement from active teaching in July of 1966, the Board of Regents of the University of Michigan directed a lengthy memoir to him. In part it reads:

"The architect RALPH WARNER HAMMETT concluded thirty-five years on the active faculty of the University when he entered upon his retirement on his seventieth birthday, the twenty-sixth of June . . .

". . . During his years in Ann Arbor, he further enhanced his stature as a private architect and professional and civic consultant, exerting a benign influence on the physical face of the inhabited land.

"Professor Hammett revealed a nicely balanced feeling for the changing aspects of architectural practice and for the permanent. He taught and wrote on the history of architecture and concerned himself with the preservation of past architectural monuments, while retaining a lively interest in the modern scene and sharing with his students his practical contemporary expertness. The Lutheran Church in America, of which he is a devoted member, fittingly appointed him to its Commission of Church Architecture. In purely professional societies, also, he became an honored leader . . . Despite the pressure of such external obligations and interests, Professor Hammett fulfilled his every faculty duty with unfailing efficiency and gave his time most generously to students seeking his individual counsel.

"The Regents of the University would now take respectful and grateful cognizance of his eminent abilities and devoted service. As they appoint him Professor Emeritus of Architecture, they wish him continued professional distinction and cordially extend to him the prerequisites of his new rank."

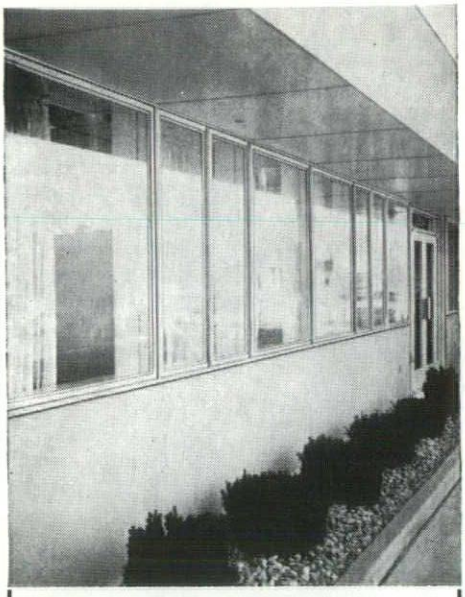
The Michigan Society of Architects, along with legions of his other friends, also salutes Ralph Hammett.

Turner Engineering Co.

50

years of dependable electrical construction
in the industrial and commercial fields

25860 LAHSER ROAD
SOUTHFIELD, MICHIGAN
phone 444-4133



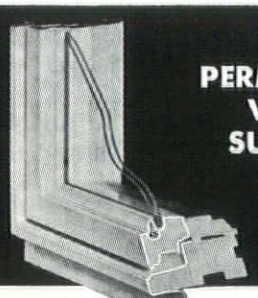
THIS NEW OFFICE BUILDING HAS BEAUTIFUL

Andersen Windowalls

Maintenance WILL NEVER BE A PROBLEM . . BECAUSE

Andersen has Eliminated Painting with

Perma-Shield®



PERMANENT VINYL SURFACE

NO PITI NO RUSTI NO CORRODE! NO DENTI NO WARPI

Visit our show room

KIMBALL & RUSSELL INC.
WHOLESALE SASH AND DOOR DISTRIBUTORS
2127 FENKELL AVE. DETROIT 38, MICH. UN. 1-3480

NEWS

G & R Named by Vickers

Vickers Division of Sperry Rand Corporation has announced the appointment of Giffels & Rossetti, Inc., as architect for its new plant in Omaha, Nebraska.

The new plant, to be located in the Clear Ridge Airport Section of Omaha, will provide approximately 300,000 sq. ft. of manufacturing and office space, according to Merrill A. Hayden, president.

"Construction of the new facility is evidence of our confidence in Omaha," he said. "It represents a continuation of the gradual growth which has characterized Vickers' operations in Omaha over the past two decades."

Current plans call for construction to begin in the spring of 1968, with a target date of June 1969 for occupancy and production start-up.

The new facility will incorporate the latest concepts in industrial design and materials handling systems, the company said.

Vickers has operated production facilities in Omaha since 1948. It is a leading supplier of hydraulic systems and components to the industrial, mobile, aerospace, and marine markets. The company's Omaha plant produces hydraulic pumps and valves for its Industrial and Mobile divisions.

Redstone Office Names Associate

The Board of Louis G. Redstone Associates, Inc. announces the appointment of George Zonars, AIA as a firm associate in the Department of Design and Planning.

Zonars, a native of Dayton, Ohio, attended Miami University, Oxford, Ohio, where he received a Bachelor of Architecture degree in 1952. Following two years of active duty as an officer in the U.S. Naval Reserve, Zonars attended Cranbrook Academy of Art, Bloomfield Hills, Michigan, and graduated with a Master of Architecture degree in 1956. Thereafter, he worked in a number of local architectural offices and also began teaching as a part-time lecturer and instructor in Architectural Design and History at Lawrence Institute of Technology.

In 1963, Zonars joined the staff of Louis G. Redstone Associates, Inc., and has since been involved in a number of important projects ranging in size from small structures to large scale planning projects. His experience includes regional and city planning, urban design, all aspects of building design and construction, as well as interior, graphic, and industrial design.

The firm is presently engaged in the development and construction of two major regional shopping centers and three major hi-rise structures in downtown Detroit, as well as projects in various stages of completion encompassing bank buildings, schools, libraries, dormitories and University facilities.

Metcalf Hosts August Huron Valley Chapter Meeting

The Huron Valley Chapter of the AIA held a most successful outdoor August meeting at the home of President Robert Metcalf. The group (at least 50) assembled at 6:30 P.M., for a picnic buffet and beer. The program consisted of a discussion on the problems of architectural practice in the Chapter area, with emphasis on the young practitioner. The discussion centered on fees, and supervision, with the old (!) pros offering sound advice to the youngsters. Support of the MSA fee schedule, with the exception of 15% for residential work, was voiced.

Mr. Ghin-Djih Su, B. Arch. '30, (University of Michigan), a retired Hong Kong architect, an active alumnus and a frequent visitor to Ann Arbor, attended the meeting and participated in the discussion.

Harley, Ellington, Cowin and Stirton, Inc. Elects Stirton President, Cowin Chairman

Directors of the Detroit-based architectural and engineering firm of Harley, Ellington, Cowin and Stirton Inc., have elected Malcolm R. Stirton A.I.A., president. He succeeds Julian R. Cowin, A.I.A., who was elected chairman.

Stirton joined the firm as chief architectural designer in 1934 following a one-year Booth Fellowship tour of Europe. He has served as an officer and director for many years and was elected a vice president in 1946 and later executive vice president.

He is well known to Detroiters for his civic and community activities and as the architect in charge of many of the city's notable buildings, among

Extra-hot water that doesn't cost extra

Another advantage of an all-electric building. Extra hot water is required in hospitals, rest homes, restaurants, cafeterias, beauty and barber shops, schools and motels. To help meet their needs, they often rely on the hotter hot water delivered by electric water heaters—the only type that normally heats water to 160°. Economy also influences the choice of electric. For example, equipment can be installed anywhere in the building, so water can be delivered through short pipe runs. Ask an Edison representative about the economy of having the energy for heating water—versatile electricity—coordinated with the heating, cooling, and lighting systems in an all-electric building. There's a special economy, now that Edison rates have been lowered again.

ALL-ELECTRIC BUILDING

EDISON

them the City-County Building, Veterans Memorial, Rackham Educational Memorial, Detroit Bank & Trust Building, South Wing of the Detroit Institute of Arts and the North Wing, now under construction.

Stirton is a member, former officer and director of the Detroit Chapter of the American Institute of Architects and has been an officer and director of the Michigan Society of Architects. He has also served the chapter on various committees and is a member now of its Metropolitan Environment Committee.

He is a member of the Engineering Society of Detroit, the only architect on the Wayne County Planning Commission and serves on the Mayor's Advisory Committee of Grosse Pointe Farms.

He is president of the Detroit Executives Association and serves on the Master Plan Committee and District Improvement Committee of the Detroit Central Business District Association.

He is a member of the Greater Detroit Board of Commerce, the Economic Club of Detroit, the Founders Society of the Detroit Institute of Arts, and the Newcomen Society in North America. He also is a member of the Detroit Club, Detroit Athletic Club, Grosse Pointe Yacht Club and the University of Michigan Club of Grosse Pointe.

Cowin becomes the first person to fill the office of chairman of the board of directors of Harley, Ellington, Cowin and Stirton Inc. He joined the firm in 1936 after having been associated earlier with Alvin E. Harley, one of the founders.

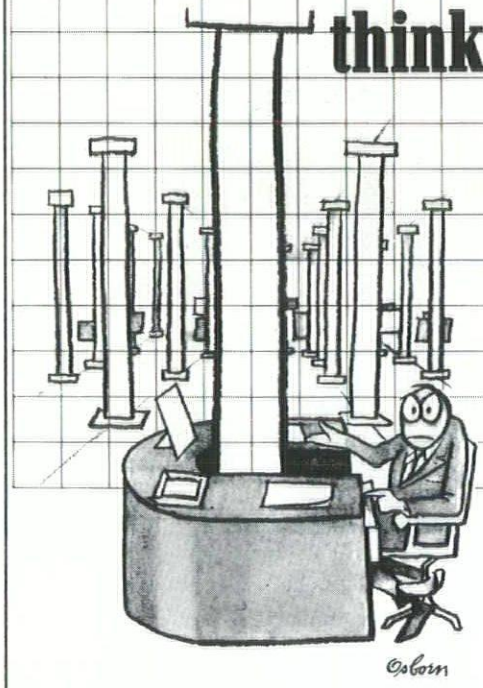
Cowin is a member of the American Institute of Architects, the Michigan Society of Architects and is a member of the Detroit chapter's committee on relations with the construction industry. He is also a member of the Engineering Society of Detroit, the Michigan Association of the Professions and the Newcomen Society in North America.

He serves on committees of the Greater Detroit Board of Commerce and the Detroit Rotary Club, and is a trustee of the Iktinos Alumni Scholarship Fund of Alpha Rho Chi fraternity. He is chairman of the budget and finance committee of the First Presbyterian Church of Royal Oak and a member of the church's session and building committee. His memberships include the Detroit Club, Orchard Lake Country Club, Detroit Historical Society, Founders Society of the Detroit Institute of Arts and the Detroit Symphony Orchestra.

Other officers of Harley, Ellington, Cowin and Stirton Inc. who were reelected are Fred M. Harley, vice president and treasurer; Paul B. Brown, vice president and secretary; Fred J. Hildebrandt, vice president and assistant treasurer; Benson J. Wood, vice-president, and James E. Gibson, vice president.

When you're planning a structure

think of P.S.* first!



Don't make your client play peek-a-boo in a forest of columns

Build with PRESTRESSED CONCRETE

QUALITY AND ECONOMY!

ACTIVE MEMBER PRESTRESSED CONCRETE INSTITUTE PCI ARCHITECTURAL STRUCTURAL

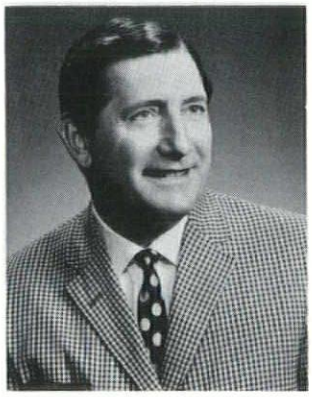
On your next project, eliminate unnecessary columns and interior load bearing walls—add more *usable* space—by specifying long spans of prestressed concrete.

Use of this modern, high quality building material will provide greater, more adaptable inside area to meet changing needs . . . assure faster erection of beautiful, fire-safe structures.

Think of P.S.* first—in the earliest stages of planning, when we can be of most service. We are Michigan's largest manufacturer of concrete products and have a qualified technical development team ready to serve you. Phone today—or write us for new literature.

PRECAST/SCHOKBETON, INC.
3102 EAST CORK STREET, KALAMAZOO, MICHIGAN 49003
Phone: Kalamazoo (616) 381-1550 Detroit (313) 864-0121

Ben M. Wood Elected M.A.W.A. President



Ben M. Wood, President of the May & Wood Millwork Co., Detroit, Michigan Architectural Woodwork Association. The M. A. W. A. were largely responsible for recent legislation creating a Fire Safety Appeals Board which has been instrumental in alleviating misconcepts involving the use of wood in commerical and institutional buildings in the state of Michigan.

FIRM ROSTER

ARCHITECTURAL OFFICES IN MICHIGAN

ADRIAN (Area Code 313)

Faulhaber, Francis A., 128 E. Maumee, 49221 .. 265-5509

ALBION (Area Code 517)

Dean, Frank E., 219½ S. Superior, 49234, Box 207 629-2011

ANN ARBOR (Area Code 313)

Albano & Olencki, 320 South Main St., 48108 .. 665-3881
Bragg, S. R. & Associates,
307 National Bank & Trust Bldg., 48103 663-4613
Carrigan, Robert G., Jr., 2058 S. State, 48104 .. 662-5638
Colvin, Robinson, Wright & Assoc.,
210 E. Huron, 48108 662-4501
Cummins & Barnard, Inc., Architects &
Engineers, 2058 S. State St., 48104 662-5638
Daniels & Zrmack Assoc., 2080 S. State St., 48104 761-2090
Hammett & Pettys, Architects, 321 S. Main, 48108 662-0936
Kainlauri, MacMullan, Millman Assoc., Inc.,
P.O. Box 1148 48106 662-2524
Lane, Riebe, Weiland - Architects,
Suite 625, City Center Building
220 East Huron St., 48108 663-0586
Livingston, James H., 3715 Jackson Rd., 48103 . 665-3711
Loree, Douglas, 120 N. 4th Ave., 48108 662-7404
Metcalf, Robert C., 444 S. Main St., 48104 663-1417
Muschenheim, William, 1251 Heatherway, 48104 662-7564
Osler, David W., 916 Fuller Rd., 48104 663-7480
Petty, Linden C., 321 South Main St. 662-0936
Sanders, Walter B., 99 Barton North Drive, 48105 662-9202
Sims, Howard F., 321 S. Main St., 48108 663-2737
Smith, Edward B., Jr.,
1817 W. Stadium Blvd., 48103 761-0060
Tanner & Kowalewski, 308-10 S. State St., 48108 .. 663-1700
Van Curler, Donald E., 201 East Liberty, 48108 665-0992
Wong, James P., and Associates, Architect,
2378 East Stadium, 48104 665-7379

BATTLE CREEK (Area Code 616)

Binda, Guido A., Architect & Assoc.,
231 Capital Ave., N.E., 49017 968-6171
Broecker, Erwin L., 327 Capital, N.E., 49017 .. 964-1631
Burgess, John H., 128 Lakeview, 49015 968-6876
Haughey, Black & Assoc., 616 Post Bldg., 49014 . 968-8179
Sarvis, Lewis J., G. A. Belson & R. A.
Vanderploeg, Architects, 258 Champion, 49017 962-6291

BAY CITY (Area Code 517)

Brysselbout, Starke & Hacker, Inc.
P.O. Box 748, 48709 894-4527
Frantz, Peter, 1001 Center Ave., 48706 892-5694
Morris & Wesolek, Archts.,
1211 South Euclid, 48707 892-9114

BENTON HARBOR (Area Code 616)

Hatfield, Wayne C., 150 Higman Park, 49022 .. 945-7200

BIG RAPIDS (Area Code 616)

Tanner, John C., 717 Finley, 49307 796-7334
White, Donald F. & James Shane,
318 Sanborn, 49307 796-5471

BIRMINGHAM (Area Code 313)

Birkerts, Gunnar & Assoc., 909 Haynes St., 48011 644-0604
Bissell, Edward E., 1045 Westchester Way, 48009 644-5093
Dezur, Robert D., 4123 Meadow Way, 48010 .. 626-6053
Evangelista, Joseph, 199 W. Brown, 48009 647-3535
Friedman, Jack S. & Assoc.,
344 Hamilton Rd., 48010 642-8686
Jickling & Lyman, 1090 S. Adams, 48011 647-1777
Loizon-Loizos, 245 N. Hunter Blvd., 48008 647-0150
Luckenbach, Carl F., 287 East Maple, 48011 647-5440
Morgan, John P. & Assoc.,
187 S. Woodward, 48011 647-1626
Newman, Edward M., Arch. & Assoc.,
6425 Telegraph, 48010 647-2644
O'Dell, Hewlett & Luckenbach,
950 Hunter Blvd., 48011 564-5697
Paulsen, S. Glen & Assoc., 480 Pierce St., 48011 646-9441
Smith, Linn, Demiene, Adams, Inc.,
894 S. Adams, 48011 646-3700
Wright, Clifford N. & Assoc.,
4066 W. Maple Rd., 48010 647-2022
Ziegelman & Ziegelman, 167 Townsend, 48011 .. 647-1640

BLOOMFIELD HILLS (Area Code 313)

Begrow & Brown, 1135 W. Long Lake Rd., 48013 646-8877
Isler, Robert, 1520 North Woodward, 48013 647-0798
LaRoy, Wesley, 2312 Hunt Club Drive, 48013 .. 647-1791
Swanson Associates, Inc.,
74 W. Long Lake Road, 48013 644-2440
Tarapata, MacMahon Associates, Inc.
1191 W. Square Lake Road, 48013 338-4561
Trout, Alexander L., 2334 Lost Tree Way, 48013 334-4215

BRIGHTON (Area Code 313)

Musch, Max A., 4533 Filbert Drive, 48116 227-2677

CHARLEVOIX (Area Code 616)

Begrow & Brown, 215½ Bridge St., 49720 547-9444

CHELSEA (Area Code 313)

Lindauer, Arthur, 260 Fletcher Road, 48118 ... 479-7124

COLDWATER (Area Code 517)

Fair & Associates, 8 South Clay St., 49036 278-8232

DEARBORN (Area Code 313)

Benjamin, Woodhouse & Guenther, Inc.,
14430 Michigan Ave., 48126 582-4260
Clark, Erroll R., 13726 W. Warren, 48126 846-9290
Davis, Stanley J., 23439 Michigan, 48124 278-0244
Jahr-Anderson Assoc., Inc., 15011 Michigan, 48126 846-8113
Kissinger-Halzhauer-Zigmanth, Inc.,
1310 N. Telegraph Road, 48128 278-0244
MacGregor & Sherman,
1824 Grindley Park, 48124 561-9303
Nordstrom-Samson & Assoc.,
3331 Greenfield, 48120 582-8864
Owens, S. L., 22101 Tenny, 48124 561-3136
Schmiedeke, Denis Charles,
2841 Monroe Blvd., 48124 562-3900
Shanayda, Michael, 17481 W. Outer Drive, 48127 565-5397
Vicary, Harry C., 22148 Michigan 48124 562-2888

DEARBORN HEIGHTS (Area Code 313)

Bennett & Straight, Inc., 22234 Ford Rd., 48127 .. 278-7500
Holowchak, E. H. Assoc., 22234 Ford Rd., 48127 562-2888

DETROIT (Area Code 313)

Agree, Charles N., Inc.,
14330 W. McNichols, 48235 341-8434

FIRM ROSTER

ARCHITECTURAL OFFICES IN MICHIGAN

Basso, Victor J., 301 W. 8 Mile Rd., 48203 893-0110
Bauer, Leo M., Assoc.,
2560 Woodward Ave., 48201 961-1874
Blakeslee, L. Robert, 18218 Stoepel, 48221 863-3888
Brauning, Fred & Assoc.,
525 Free Press Bldg., 48226 963-3815
Broecker, Erwin L., 22128 Grand River, 48219 . 532-8050
Brown, H. Sanborn, 5220 E. Davison, 48212 892-2588
Calder, Ralph R. & Assoc.,
1600 Mutual Bldg., 48226 963-6333
Calder, Robert F., 18100 Greenlawn, 48221 861-5174
Confer, Earl L., 14000 Strathmoor, 48227 272-1120
Crane & Gorwic, Inc., 1900 Industrial Bldg.,
232 W. Grand River Ave., 48226 961-7727
Crane, Kiehler & Kellogg, 112 Madison, 48226 .. 962-2750
D'Alessandro and Kloian, Architets & Planners,
9014 Chalmers, 48213 839-2525
DeConti, Ferruccio,
19371 James Couzens, 48235 342-3113
Diehl & Diehl, 120 Madison, 48226 965-1872
Donaldson & Meier,
645 W. Seven Mile Rd, 48203 273-7840
Fleshner, Jos. L., 23536 Plymouth Rd., 48239 .. 531-2390
Gabler, Cornelius L. T.,
3300 Book Bldg., 48226 963-8963
Giffels & Rossetti, Inc. Architects & Engineers,
1000 Marguette Bldg., 48226 961-2084
Greimel, Malcomson & Hammond,
10350 Puritan, 48238 862-1012
Griffin & Ward, Assoc., 100 East Warren, 48201 . 831-2133
Habermas, Carl R., 415 Brainard, 48201 831-9898
Harley, Ellington, Cowin & Stirton, Inc., Architects
& Engineers, 153 E. Elizabeth, 48201 962-7080
Havis-Glovinsky Assoc. 14145 Puritan, 48227 273-8171
Head, Geo. P. Assoc., 16942 Parkside, 48221 862-2627
Herman, Simons, Bassett & Albert, Architects
144 W. Lafayette Blvd., 48226 962-8788
Johnson, Nathan, 2512 W. Grand Blvd., 48208 .. 898-7223
Kahn, Albert Associates, Architects & Engineers,
Inc., 345 New Center Bldg., 48202 871-8500
Kamp, Mayotte & Dicomo, Inc.,
18400 Grand River, 48223 838-9540
Kapp, William E., 2644 Buhl Bldg., 48226 962-5415
Kavieff, Otto H., 15835 Ohio, 48238 861-4746
King & Lewis, Inc., 1575 Lafayette East, 48207 .. 961-2276
Klaetke & Marino, 608 Fine Arts Bldg., 48226 963-2735
Levey, Norman J., 1040 W. Fort St., 48226 962-5205
Levine, Alpern & Assoc., 16150 Meyers, 48235 ... 863-7686
Lightbourn-Coquillard & Assoc.,
23363 W. 7 Mile Rd. 48219 532-4012
Lopatin, Irving, 15800 W. McNichols Rd., 48235 . 272-6650
Lorenz & Paski, 19362 James Couzens, 48235 342-3141
McGrath & Dohmen, 2631 Woodward, 48201 965-0365
Machida, Yosh & Assoc., 16954 Parkside St. 48221 861-6586
Maguolo & Quick, 2631 Woodward, 48201 963-0862
Marr & Marr, 100 W. Seven Mile Rd., 48203 891-6838
Meyer, Earl G., 1306 Michigan Bldg., 48226 963-4742
Morison, James B., 13160 W. McNichols, 48235 .. 345-5050
Neubrecht & Neubrecht,
21145 W. 7 Mile Rd., 48219 961-1614
Nelsen, LaVern, 20334 Grand River, 48219 538-3340
Noetzel, Clarence,
2407 National Bank Bldg., 48226 963-5333
Odell, William H., 1215 Dime Bldg., 48226 962-2699
Pilafian, Suren, 1334 Michigan Bldg., 48226 961-1540
Pollmar, Ropes & Lundy,
12265 Wilshire Dr. 48213 832-3074
Redstone, Louis G., Associates, Inc., Architects,
Planners, Engineers, 10811 Puritan, 48238 341-0710
Rogvoy, T., Assoc. Inc., 15600 Puritan, 48227 963-7414
Rossen, Sanford, 15239 W. 8 Mile Rd., 48235 342-4151
Rozycki, Walter J., 2266 E. Forest, 48207 833-7760
Schmidt, Arthur O.A., 1526 Buhl Bldg., 48226 ... 961-6755
Sewell & Schoettley, 220 Bagley, 48226 961-1267
Siegal-Avrin Assoc. Arch,.
16825 Wyoming, 48221 342-3403
Smith, Eberle M., Assoc., Inc.,
950 W. Fort St., 48226 965-8180
Smith, Hinchman & Grylls Assoc., Inc.,
3107 W. Grand Blvd., 48202 875-8100
Stevens, G. John, Arch., 6623 Gratiot, 48207 923-0980
Stewart, Billy D., 20021 Kelly Rd., 48236 839-6133
Valentine, Chas. M. Assoc., Inc.
2011 Park Ave., Room 405, 48226 962-6244
Vogel, Charles J., 1011 Park Ave. Bldg., 48226 ... 961-8830
Volk & London, Architects, Inc.,
19378 James Couzens, 48235 341-9035
Ward, Kohner, Hofer & Assoc., Inc.,
18079 Jas. Couzens, 48235 864-2327
Waronoff, Abraham, 10205 W. McNichols, 48221 . 861-5991
Warren, Roderick E.,
2075 W. Grand Blvd. 48208 895-8942
Webster, Morris, 18353 W. McNichols, 48209 535-5085
Winn, Otis, Architect & Co.,
524 Michigan Bldg., 48226 961-8288

ESCANABA (Area Code 906)

Arntzen, G., 820 S. 16th St., 48829 786-3301

FARMINGTON (Area Code 313)

Allen, John A., 23611 Liberty, 48024 474-3350
Hannan, Charles D., 32580 Grand River, 48024 .. 474-3431
Merritt, Cole & McCallum,
33750 Freedom Rd., 48024 476-3614
Strickfaden, Roy J., AIA,
31500 Northwesetrn, 48024 626-7797
Zoedes, Tom W., Architects & Assoc.,
32580 Grand River, 48024 474-9015

FERNDALE (Area Code 313)

Abrams, Henry J., 800 Livernois, 48220 547-7900
Cohan, Geo., Assoc., 800 Livernois, 48220 548-2929
Fusco, Jude T., 1318 W. Nine Mile, 48220 547-1228
Nesmour, David W., 800 Livernois, 48220 543-9229
Stein, Leo, Architect, 1021 Livernois, 48220 541-1773
Tilds, Paul, & Assoc., Inc.,
1021 Livernois, 48220 548-4343

FLINT (Area Code 313)

Dittmer, Ralph T., 436 S. Saginaw St., 48502 239-5824
Ellis, Arndt & Truesdale,
614 McArthur Bldg., 48502 238-3645
Eubank, T. Neel, 3216 W. Pierson Rd., 48504 ... 235-4426
Gibbs, Tomblinson & Harburn,
705 Kelso St., 48506 694-8207
Hawes, George S. 317 W. Hamilton Ave., 48503 .. 234-6084
MacKenzie, Knuth & Klein, Architects, Inc.
708 Harrison St., 48502 235-4681
Mason, Geo. D. & Co., 520 West 3rd., 48503 238-3851
Nurmi, Nelson, McKinley, Assoc., Inc.,
415 Lewis St., 48503 234-3864
Sedgewick, Sellers & Assoc., Inc.,
1168 Robert T. Longway Blvd., 48503 238-9089
Suomela, Dale A., 3111 Corunna Rd., 48503 234-5014
Terrill, Gene, 625 S. Grand Traverse 48503 235-1460

FIRM ROSTER

ARCHITECTURAL OFFICES IN MICHIGAN

FRANKENMUTH (Area Code 517)

Stenglein, Wm. C., 7500 E. Greenleaf Ct., 48734 .. 652-6496

GRAND HAVEN (Area Code 616)

Vander Meiden & Koteles,
1203 Beech Tree St., 49417 842-7350

GRAND RAPIDS (Area Code 616)

Allen, Roger & Assoc., 1126 McKay Tower, 49502 456-1527
Baumgarten & DeWinter,
758 Cherry St., S.E., 49503 451-0637
Benjamin, Adrian T., 424 Murray Bldg., 49508 .. 459-6782
Daverman Assoc., 200 Monroe, N.W., 49502 241-3481
Firant, Edgar R., 353 Atlas Ave., S.E., 49506 459-0291
Gaastra, Jan T. 1424 Lake, S.E., 49506 458-2185
Harmsen, Eugene J., 1115 Wealthy, S.E., 49506 ... 458-0703
Haveman, James K.,
618 Michigan Trust Bldg., 49502 451-0661
Hornbach-Steenwyk-Thrall, Inc.,
126 Ottawa, N.W., 49502 459-9173
Koprowski Assoc., 345 State, S.E., 49502 451-2909
McCarty, Gordon J., Arch.,
4065 Plainfield Ave., N.E., 49505 361-2058
McMillen, Palmer, Architects,
1424 Lake Dr., S.E., 49506 459-5159
Obryon & Nachtegall, Inc.,
201 Monroe Ave., N.W., 49502 459-3151
Post, David E., 640 Eastern Ave., S.E., 49503 452-4559
Reid, Robert A., 2218 Wealthy, S.E., 49506 241-0869
Rindge & Rindge, 740 Michigan Trust Bldg., 49502 458-5295
Robinson Campau & Crowe, Inc.,
738 Michigan Trust Bldg., 49502 459-4149
Savage, George B., 1516 McKay Tower, 49501 .. 454-1554
Seeger, Ralph E., 55 Lakeview Drive, S.E., 49506.. 949-1723
Welch, Kenneth C., 924 Grandville, S.W., 49509 .. 241-3481
Wold & Bowers, Architects, Inc.,
345 State St., S.E., 49502 451-0785

GROSSE ILE (Area Code 313)

Leon, Bruno & Assoc., Architects,
8600 Macomb, 48138 676-4800

GROSSE POINTE (Area Code 313)

Fortney, Ralph B., 19854 Mack Ave., 48236 881-1815
Meathe, Kessler & Assoc., Inc., 18000 Mack 48224 884-9500
Scheuffler Carl A., 2207 Allard Ave., 48236 881-0344

HARPER WOODS (Area Code 313)

Fisher, Harold H. and Assoc.,
20416 Harper Ave., 48236 884-9155

HARRISVILLE (Area Code 517)

Raseman, Richard P., 48740 724-6245

HAZEL PARK (Area Code 313)

Tamplin, Ernest, 22231 John R., 48030 546-6066

HOLLAND (Area Code 616)

Kammeraad and Stroop,
788 Columbia Ave., 49423 396-6953

HOLLY (Area Code 313)

Hassan, Fuad S., 9845 Milford Rd., 48442 637-6371

HUNTINGTON WOODS (Area Code 313)

Feig, Irvin D., 26529 Dundee Road, 48070 543-3744
Schowalter, Leo J., 10494 Talbot, 48070 543-3727

INKSTER (Area Code 313)

Comprehensive Archts. & Engrs.,
1383 S. Inkster Rd., 48141 565-6297

JACKSON (Area Code 517)

Commonwealth Assoc., Inc.,
209 East Washington, 49201 784-6111
Hansen & Hobde, Architects,
715 W. Michigan Ave., Nelson Towers, 49201 .. 788-5538
Kressbach, Carl C. F. & Dabbert, John H.,
Assoc. Archts., 408 Wildwood, 49202 783-2427
Sampson, Claude D., 115 4th St., 49201 782-0007

KALAMAZOO (Area Code 616)

Diekema, Gerald E., 4615 W. Main St., 49001 343-4641
Futymoski, Peter J., 5050 Angling Rd., 49001 342-2929
Kingscott, Louis C. & Assoc., P.O. Box 671, 49003 343-2657
Prince, Richard, 3623 Douglas Ave., 49001 342-7818
Stapert, Pratt, Bulthuis, Sprau, Inc.,
410 W. Walnut St., 49007 345-2145
Stone & Parent, 117 W. Cedar, 49006 343-2615
Noordhoek-Scurlock, Arch.,
1611 Portage St., 49001 382-2400
Trend Associates, Inc.,
4502 West Main St., 49007 381-3400

LANSING (Area Code 517)

Ackley, Clark R., 1811 E. Michigan, 48912 487-5424
Black, Kenneth C., Assoc., Inc.
715 Stoddard Bldg., 48933 372-2030
Frank & Stein Assoc., Inc.,
8th Floor, American Bank & Trust Bldg., 48933 372-9350
Freeman & Smith, 831 N. Washington, 48906 482-0148
Hartwick, Bruce M., Associates,
5025 W. Saginaw St. 48917 372-3248
Holmes, Warren, Co.,
820 N. Washington Ave., 48906 484-9428
Laitala, Nuechterlein, Fowler Arch. Inc.,
900 Bauch Bldg., 48933 484-1435
Manson, Jackson & Kane, Inc.,
502 Cherry St., 48933 484-1311
Munson, Mattern, & Barner,
930 East Mount Hope Ave., 48910 482-1261
Opdyke, Charles, Assoc., 3526 W. Saginaw, 48917 489-3002

EAST LANSING (Area Code 517)

DeWolf, Howard E.,
402 Abbott Bldg., 209 Abbott Rd., 48823 332-3586
Mayotte-Webb, 700 Abbott Rd., 48823 337-0206
Wilson, Dixon S., 220 Albert, 48823 332-5667

LATHRUP VILLAGE (Area Code 313)

Sachs, Melvin H. & Assoc., Inc.,
28630 Southfield Rd., 48075 353-3055

LIVONIA (Area Code 313)

Champlin, R. Darrow, & Assoc.,
30475 Hathaway, 48150 422-2718
Lindhout, William P.,
15420 Farmington Road, 48154 421-4652
Ralls, Hamill & Becker,
15223 Farmington Road, 48154 427-2870

FIRM ROSTER

ARCHITECTURAL OFFICES IN MICHIGAN

St. Cyr, Joseph, Architect & Assoc.,
10833 Farmington Road, 48150 427-3310

MANISTEE (Area Code 616)

Shelby, Edwin, Architect, 447 River St., 49660 .. 723-3260

MARYSVILLE (Area Code 313)

Valentine, Charles M., 1985 Gratiot 364-6644

MENOMINEE (Area Code 906)

Gjelsteen, Harry W., 113-6th Avenue, 49858 863-2811

MIDLAND (Area Code 517)

Dow, Alden B., Assoc., Inc.,
315 Post St., 48640 835-6761
Hallett, Jackson B., 110 E. Grove St., 48640 835-7252
Warner, Francis E., 400 Dartmouth, 48642 835-4597

MONROE (Area Code 313)

Dunbar & Gustafson, 752 S. Monroe, 48161 241-7933

MT. CLEMENS (Area Code 313)

Daniell-McCalpin Arch., Inc.,
36001 Harper, 48043 468-2626

MT. PLEASANT (Area Code 517)

Wakely-Kushner-Wakely Assoc.,
210 E. Broadway, 48043 772-2811

MUSKEGON (Area Code 616)

Browne, Thomas B.,
Harbor Center, 499 W. Norton Ave., 49444 .. 733-2628
DeVries, Bernard J.,
610 Hackley Union Natl. Bank Bldg., 49440 .. 722-3626
Hooker, Kenneth N., 203 Michigan Bldg., 49440 722-3407
Landman-Andrews, AIA, Architects,
282 West Webster Ave., 49440 722-1792
Valentine, E. E., 99 W. Apple, 49440 722-2285
Valliere, Paul James, Architects,
4 Walton, 49440 726-4266

NILES (Area Code 616)

Duffield, Edward R., 323 N. Fourth, 49120 683-4090

OAK PARK (Area Code 313)

Levine, Seymour J., Architect
21600 Greenfield, Suite 210, 48237 542-2842
Lifshay, Morris A., 24140 Marlow Ct., 48237 546-8588
P-F Assoc., Inc., 21790 Coolidge, 48237 545-0080
Rollason, Rokicki & Crombe, Architects, Inc.,
10440 W. 9 Mile Road, 48237 547-4800

OKEMOS (Area Code 517)

Olds, J. Wesley,
The Bank Bldg., P.O. Box 251, 48864 332-1368

PLYMOUTH (Area Code 313)

Balogh, Tivadar, 995 W. Ann Arbor Trail, 48170 453-2400
Joseph & Orbach Assoc., 320 S. Main St., 48170 .. 453-6330
Pine, Harold E.,
P.O. Box 112, 274 Main St., 48170 453-1720
Smith, William P., Jr., 15560 Robinwood, 48170 .. 453-1131

PONTIAC (Area Code 313)

Denyes & Freeman Assoc. Inc.,
615 Community National Bank Bldg., 48058 .. 338-0409

PORT HURON (Area Code 313)

Harman, Harry J. & Assoc., Inc.,
407 Fort St., 48060 982-9523

ROCHESTER (Area Code 313)

Bartlett, Francis Architect,
226 Walnut Blvd., 48063 651-6060
Berklich Arch. Assoc., 2409 S. Livernois, 48063 .. 651-4480

ROYAL OAK (Area Code 313)

Ditchy, Clair & Assoc. Inc.,
1232 S. Woodward, 48073 548-4200
Kasprzak & Assoc., Architects,
1110 Catalpa Dr., R.O., 48067 542-0994
Lytle, George D., 2300 N. Woodward, 48073 547-8280
Smith & Smith Associates,
304 S. Main St., 48067 398-1800

SAGINAW (Area Code 517)

Allen, Samuel C. & Assoc., R. A. Kretchman,
603 Bearinger Bldg., 48601 755-8711
Beach & Waters, Architects,
1023 S. Jefferson, 48607 753-1403
Frantz, Robert B., 326 N. Washington, 48607 752-8133
Kelly, Don Jay, Architect,
4962 Dixie Highway, 48601 755-3865
Oeming & Nelson, 1119 Gratiot Ave., 48602 754-4661
Prine-Toshach-Spears, Architects & Engineers, Inc.,
709 Federal, 48607 754-6551
Spence & Smith, 1241 N. Michigan Ave., 48602 ... 754-3401
Wigen, Tincknell & Assoc., Inc.,
3444 Davenport, 48602 793-3581

ST. CLAIR SHORES (Area Code 313)

Wakely-Kushner Assoc., Archts.,
21429 Mack, 48080 788-8822

ST. JOHNS (Area Code 517)

Pardee, St. Clair & C. Douglas Pardee,
601 E. McConnell, 48879 224-3991

ST. JOSEPH (Area Code 616)

McGrath, D. J., & Assoc., 615 Broad St., 49085 ... 983-6305

SOUTHFIELD (Area Code 313)

Green & Savin, Archts.,
24500 Northwestern Hwy., 48075 358-2622
Hardy, Jack L., 18610 W. 8 Mile, 48075 353-3711
Mandell, Seymour H., 17445 Louise, 48075 353-5272
Pastor, Nicholas and Assoc., Inc.,
18610 West Eight Mile, 48075 358-3883
Pellerin & Daubresse, Assoc.,
18317 Westover, 48075 356-1995
Savage, Gilbert W.,
20000 W. 12 Mile Rd., 48075 356-1705
Smith-Gardner Arch.,
17356 Northland Park Ct., 48075 358-2111
Sundberg-Ferar, Inc.,
25900 Telegraph Rd., 48075 356-8600
Tuttle, Edward X., Jr.,
30801 Northgate Drive, 48075 646-9772
Yee, Wah Assoc., 24768 Lahser Rd., 48075 353-8106

FIRM ROSTER

ARCHITECTURAL OFFICES IN MICHIGAN

SUTTONS BAY (Area Code 616)

Arai, T. Glenn & Roger A. Hummel, 314 ST. Joseph St., 49682 271-2431

TRAVERSE CITY (Area Code 616)

Bouschor, Donald O., Architect, 2118 Island View Rd., 49684 222-4863
Cornwell, Gordon F., 401 East Front Street, 49684 946-7711
Field, Graheck, Bell & Kline, Architects, 148 E. Front St., 49684 946-7116
Greenless, Richard H., 116 East Front St., 49684 .. 947-3611
Hazelton, Paul A., Grand View Parkway, 49684 .. 947-7318
Stiffler, David L., 300 Grandview Pkwy., 49684 ... 946-7858
Strong, Drury & Cunningham, 304-305 State Bank Bldg., 49684 946-7331

TROY (Area Code 313)

Stickel, Frederick, Assoc., 2900 W. Maple, 48084 .. 646-7000
Straub, Frank & Assoc. 177 W. Big Beaver Rd., 48084 689-2777
Yamasaki, Minoru & Assoc., 350 W. Big Beaver Rd., 48084 689-3500

VERMONTVILLE (Area Code 517)

King, Christopher, Vermontville Hwy., 49096 ... 259-3295

WARREN (Area Code 313)

Ellis/Naeyaert Assoc. 11353 Stephens, 48089 755-4000
Stadler, James F., 3560 9-Mile Rd., 48091 765-2829

WAYNE (Area Code 313)

Van Reyendam, Dirk, 4455 Fletcher, 48184 722-0515

WYANDOTTE (Area Code 313)

Yops, Jack W., 3005 Biddle, 48192 285-1924

YPSILANTI (Area Code 313)

Gerganoff, Z. T., 103 W. Michigan Ave., 48197 .. 482-0028
Swartz & Morhous, 512 W. Cross, 48197 483-4332

Editor's Note: Please advise the Monthly Bulletin office of any corrections or additions to this Roster.

GLANZ and KILLIAN

DETROIT, MICHIGAN 48208
TEmple 1-7820

Complete Mechanical Construction

by Detroit's fastest growing mechanical contractor

You Are Invited
To avail yourself of our
FREE
CONSULTATION
SERVICE

The Roofing Industry Promotion Fund has established a Roofing Advisory Council to assist architects, owners and the general public in avoiding possible moisture protection problems.

This Advisory Council is being headed by William J. Strand, who was formerly with the Ruberoid Company and is well known throughout Michigan for his knowledge and expertise in the field of roofing and waterproofing.

We are pleased by the response the Architectural profession has shown to our program of ***FREE* TECHNICAL ASSISTANCE** and invite you to call or write, whenever you feel the need to use our ***"no obligation"*** consultation.

Roofing Industry Promotion Fund
"FOR THE ADVANCEMENT OF ROOFING AND WATERPROOFING"
8469 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48214

Handicapped Law

Act No. 1, Public acts of 1966 has been adopted by the State Legislature, and is now effective, and enforceable. This is the Law which requires certain provisions to be made for handicapped persons in all buildings in the State to which the public has access, and in which public money is used for construction. It is as binding as any building code or fire marshall requirement.

Notice of the provisions of this law has previously been sent by the State Building Division to nearly all architects in Michigan, and a booklet will soon be distributed to all architects doing business in the State covering the Law and describing and explaining its requirements. Hereafter, architects will be required to comply in all respects and will be expected to submit preliminary plans for all public buildings to the State Building Division for review and approval.

Reynolds Award Nominations Open

The AIA announced the opening of nominations for the 1968 twelfth annual R. S. Reynolds Memorial Award for distinguished architecture with use of aluminum.

The largest award in architecture, the international Reynolds Award offers an honorarium of $25,000 and an original sculpture in aluminum. It is sponsored by Reynolds Metals Company in honor of its founder and is administered by the AIA.

Nominations may be submitted by architects or any other interested persons until February 1, 1968, by using a form included with an AIA brochure on the Award, or by writing to the Reynolds Award, The American Institute of Architects, 1735 New York Avenue, N.W., Washington, D.C. 20006. Data binders describing the entries must be received by time of the jury meeting March 20-21, 1968.

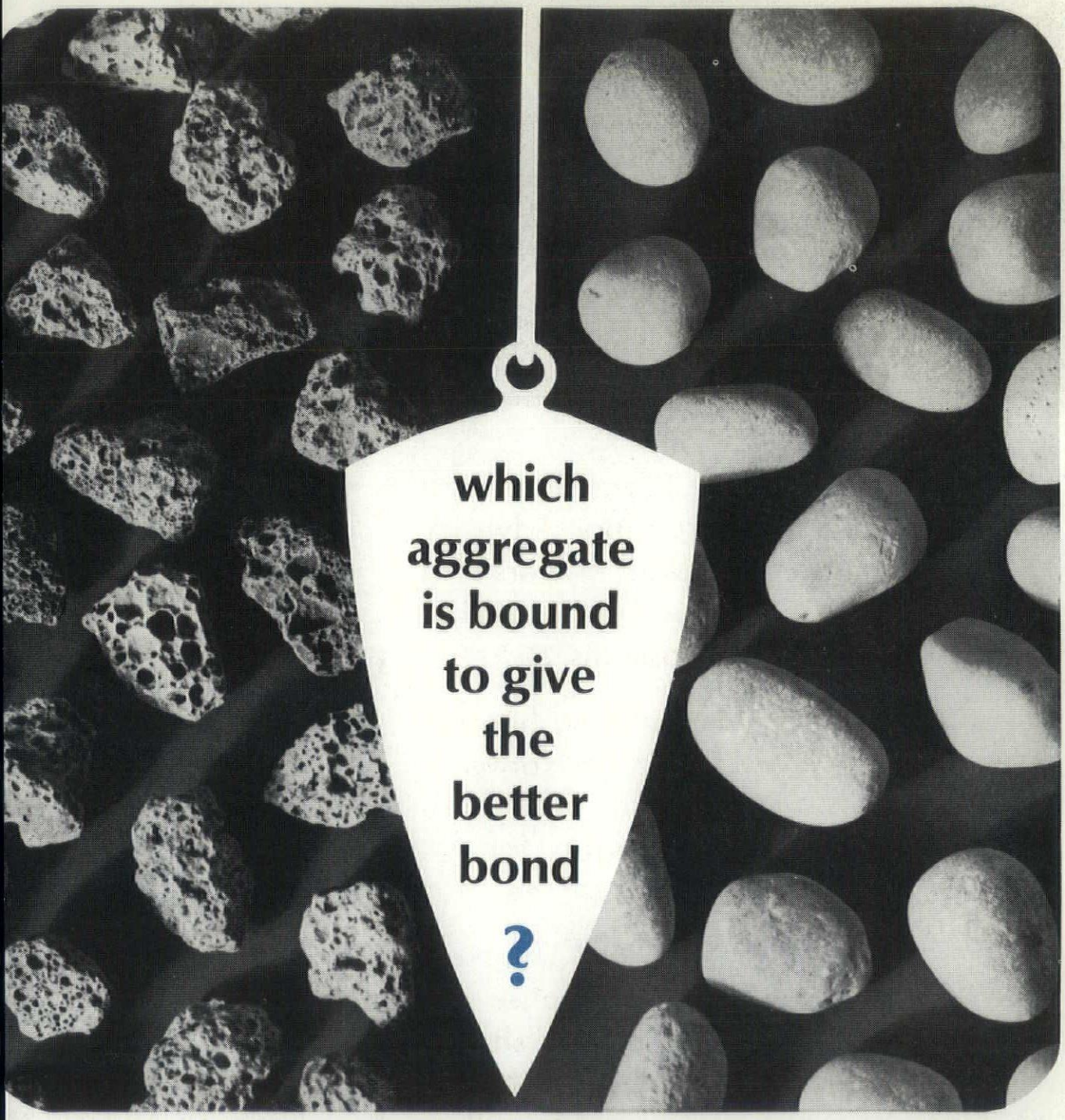
Brochures detailing criteria for the Award are being mailed to all members of the Institute and to foreign architectural societies.

McCafferty Joins Giffels & Rossetti

Charles T. McCafferty, formerly principal planner in charge of design of the Detroit City Planning Commission, has joined Giffels & Rossetti, Inc.

With the Commission for eight years, he participated in a number of major projects, including the Detroit River Front Study, the Inner City Ur-

continued page 24



No doubt about it, the vesicular surfaces and cellular structure of Slag assures unusually high bonding strengths. In contrast with smooth surfaces, Slag's sharp edges and irregular planes lock together when bonded or compacted.

Combined with Slag's other advantages—light weight, durability—this superior bonding quality makes Slag the ideal aggregate for every construction application . . . seldom the cheapest; always the most economical.

EDW. C. LEVY COMPANY

Detroit, Michigan 48209
Area Code 313, 843-7200

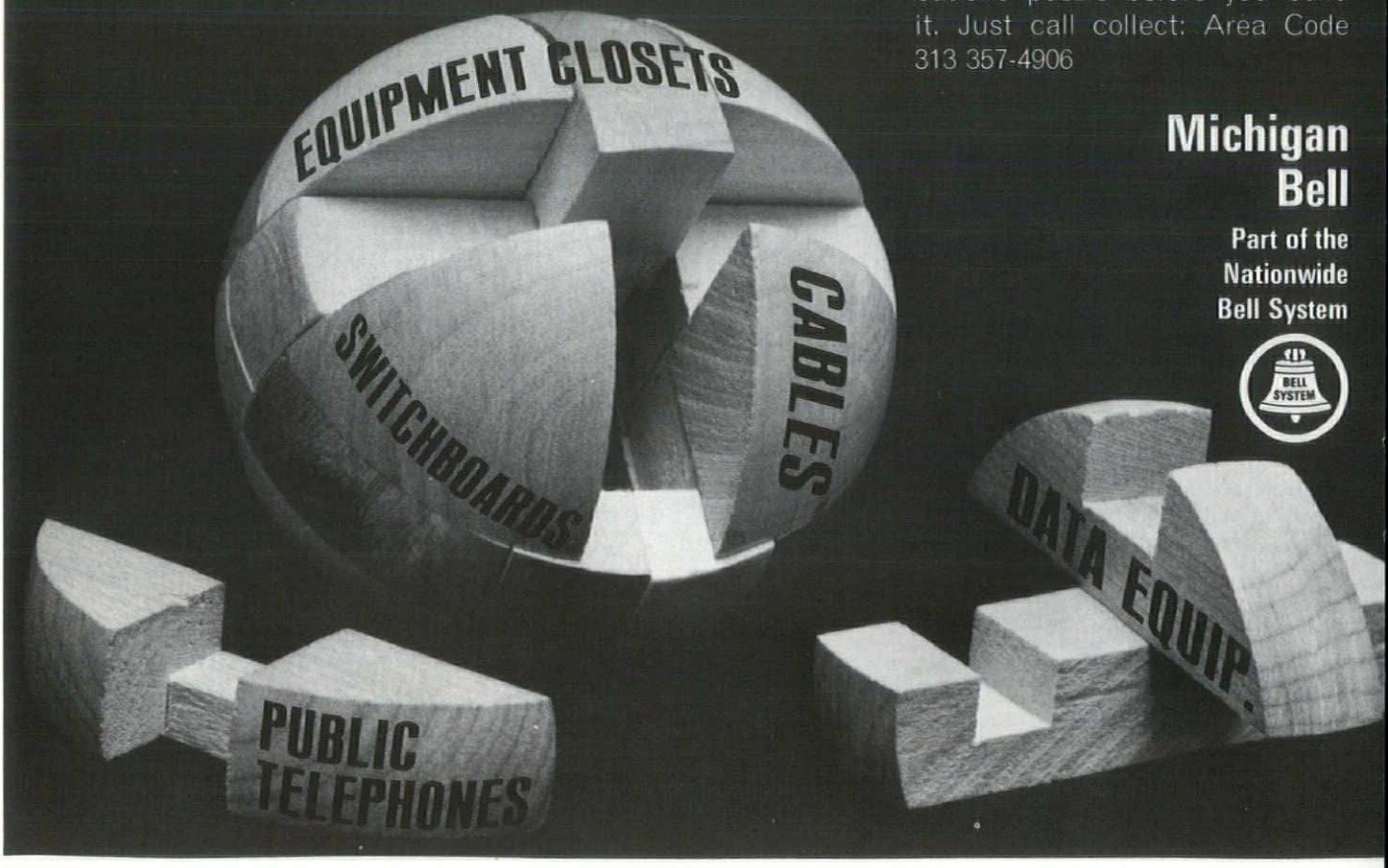
will everything fit?

That depends on planning . . . to allow adequate space for cable raceways, equipment closets, public phones. Plus all the other things that give your client the best in modern telephone communications.

We'll be glad to check your plans quickly *before* you go out for construction bids. Just call our Architects and Builders Service and we'll send a man right out to your office. He'll go over your plans and make sure everything fits. It's a free service and an easy way to save on costly construction changes. So solve the communications puzzle before you build it. Just call collect: Area Code 313 357-4906

Michigan Bell

Part of the Nationwide Bell System



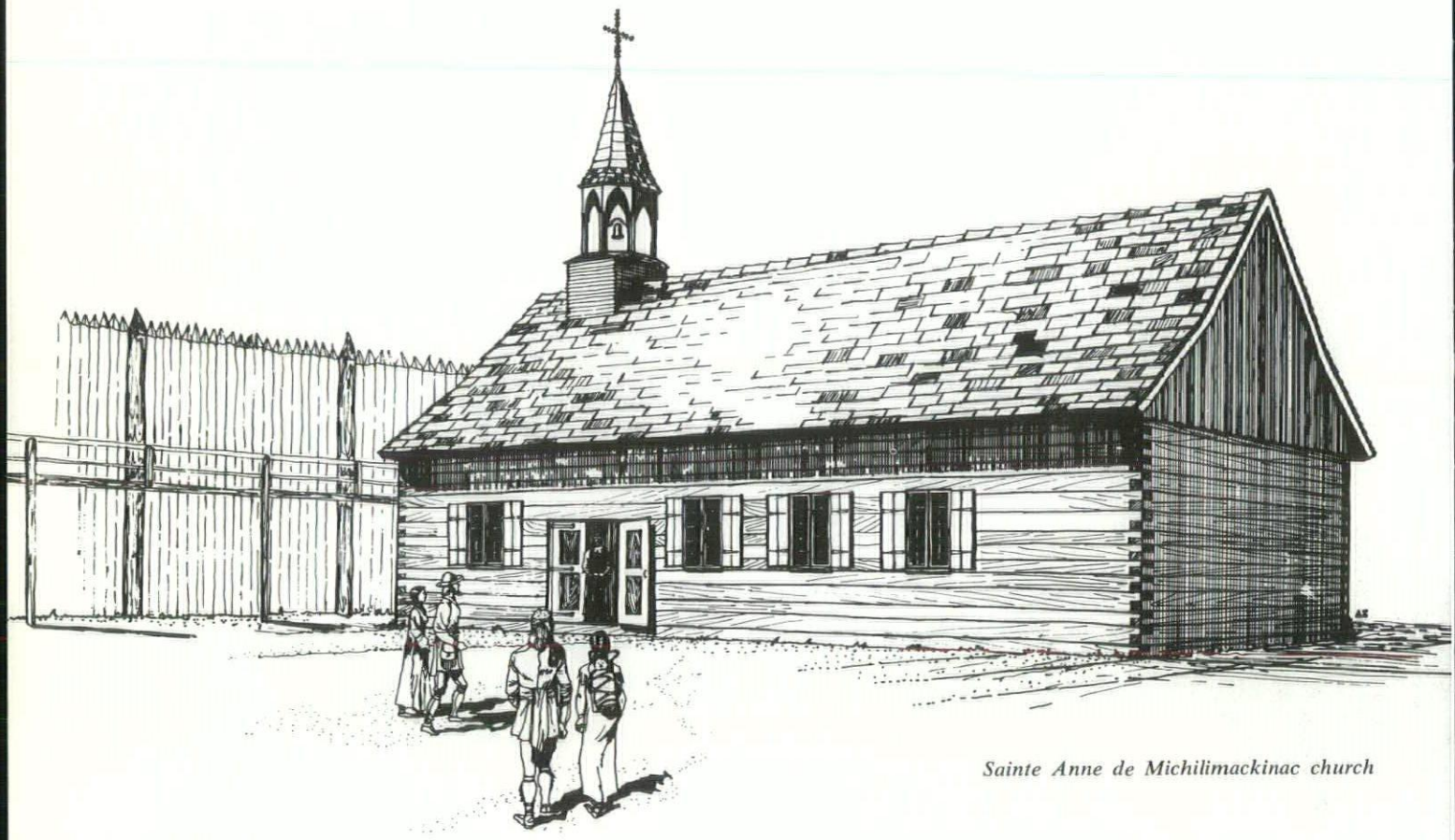
ROOF DECK

our Bottoms are BEAUTIFUL

Pardon our pride in Duwe Channel Slabs. They **are** beautiful. If painting is desired you will still get a real smooth finish. Our manufacturing process produces a light reflecting glazed surface. As pictured above, these roof slabs provide a smooth, attractive appearance "as is," with no finishing necessary. No wonder so many architects and industries concerned with appearance as well as other advantages specify Duwe Channel Slabs. The advantages? Notably the resistance to moisture and fumes. Also, lightweight with structural strength, handling ease, low maintenance. Duwe Channel Slabs are precast with skill and are made from (rotary kiln) Haydite aggregate. It will be to your advantage to get full details. Write or phone today.

DUWE

ECAST CONCRETE PRODUCTS, INC. • P. O. Box 1277 • Oshkosh, Wis. 54901



Sainte Anne de Michilimackinac church

HISTORY COMES ALIVE

The carpenter took a slender willow wand from the pile at his feet. He swiftly wove the flexible wood between the upright cedar posts. He then pounded the new pieces tightly against the hundreds of others which made up the wall of the house and trimmed the ends to lie close. In a few days, a layer of plaster would be applied to complete the construction of the wall. He was proud of his work as he hitched up his knee breeches, straightened his tricornered hat and selected another willow wand.

1750? No, 1967. The workman was reconstructing an 18th century French Trader's House at Fort Michilimackinac. The contrast between the rude log houses which surrounded him and the clean, crisp lines of the mighty Mackinac Bridge only a few hundred yards away was startling. Within the 18 foot palisade, the carpenter was helping to create a bit of living history for the thousands of visitors who came to Fort Michilimackinac each year.

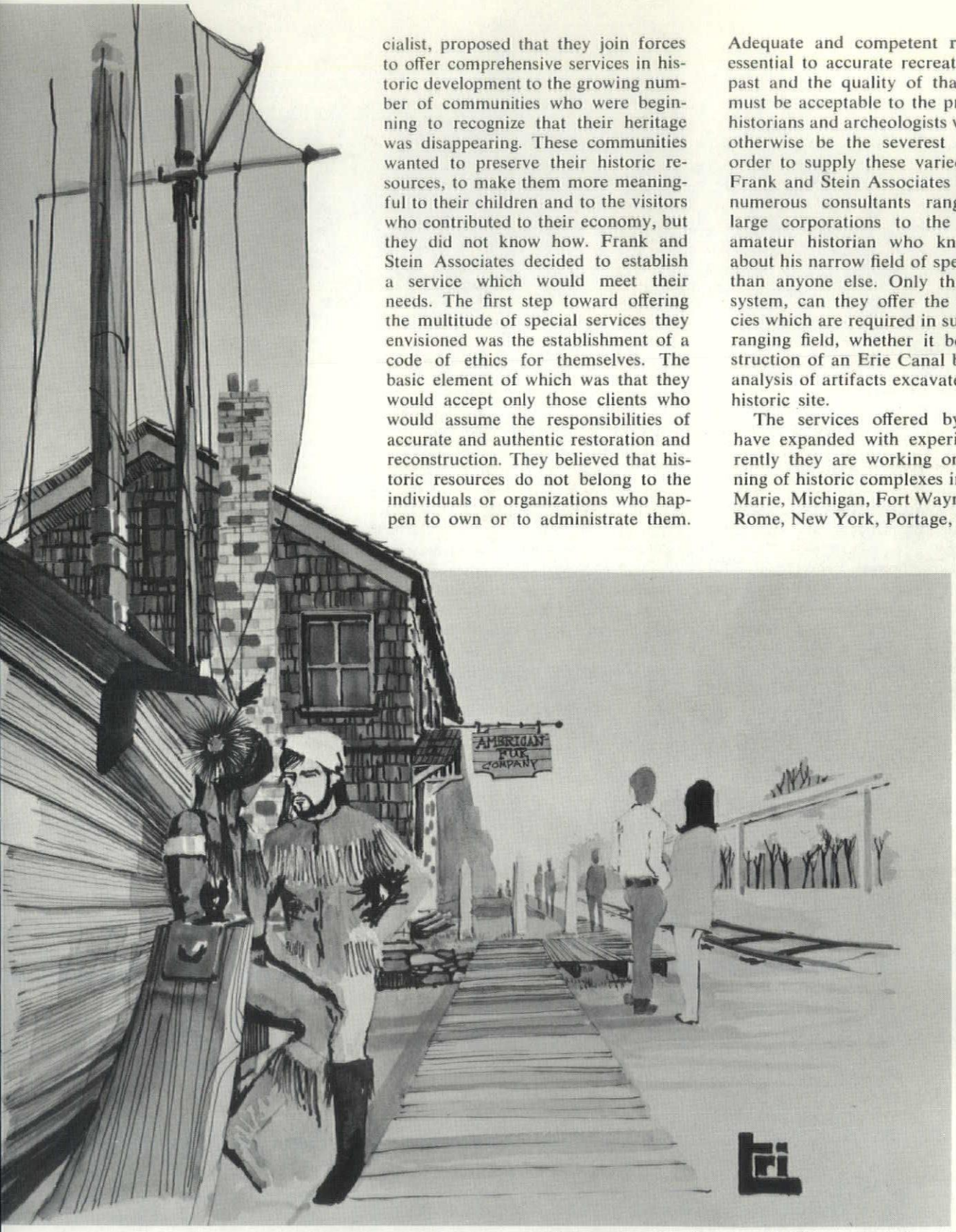
Nine miles away, at Fort Mackinac, on Mackinac Island, an architect was crawling through the dusty attic of a building erected before the War of 1812. He was searching for structural damage to one of Michigan's and the nation's, most historic buildings. His work was part of a long-range program to preserve and restore these historic resources. He represented the Historic Projects Division of Frank and Stein Associates Incorporated of Lansing, Michigan.

Although Frank and Stein Associates is one of the younger firms in the state, their experience in historic development dates from 1958, when the program of restoration of the Forts of Mackinac began. Richard Frank, AIA, and Victor Hogg had worked together as independent consultants to the Mackinac Island State Park Commission. Mr. Frank in the architectural aspects and Mr. Hogg in the interpretation of the forts. In 1962, Mr. Frank joined with Mr. Morris Stein, PE., in forming the present architectural and engineering firm.

In 1965, Victor Hogg, who for eighteen years had worked in the museum field as an exhibit and interpretive spe-

cialist, proposed that they join forces to offer comprehensive services in historic development to the growing number of communities who were beginning to recognize that their heritage was disappearing. These communities wanted to preserve their historic resources, to make them more meaningful to their children and to the visitors who contributed to their economy, but they did not know how. Frank and Stein Associates decided to establish a service which would meet their needs. The first step toward offering the multitude of special services they envisioned was the establishment of a code of ethics for themselves. The basic element of which was that they would accept only those clients who would assume the responsibilities of accurate and authentic restoration and reconstruction. They believed that historic resources do not belong to the individuals or organizations who happen to own or to administrate them. Adequate and competent research is essential to accurate recreation of the past and the quality of that research must be acceptable to the professional historians and archeologists who would otherwise be the severest critics. In order to supply these varied services, Frank and Stein Associates work with numerous consultants ranging from large corporations to the dedicated amateur historian who knows more about his narrow field of specialization than anyone else. Only through this system, can they offer the competencies which are required in such a wide-ranging field, whether it be a reconstruction of an Erie Canal boat or the analysis of artifacts excavated from an historic site.

The services offered by the firm have expanded with experience. Currently they are working on the planning of historic complexes in Sault Ste. Marie, Michigan, Fort Wayne, Indiana, Rome, New York, Portage, Wisconsin,



The American Fur Company Building in Sault Ste. Marie is one of the many historic structures to be preserved under a proposed program to develop the area's historic resources. The building, situated near the modern railroad which transported boats around the Falls of St. Mary, still stands in its original location.

The office of Frank & Stein, Architect and Engineer was opened in 1962 with Richard C. Frank, Architect and Morris I. Stein, Engineer. Today the firm has grown to 26 and with its growth, has gained a national reputation in the field of architectural restoration, reconstruction and replication offering total service in all areas of research and development. Shown left to right are: Mr. Frank, Mr. Stein and Victor H. Hogg.

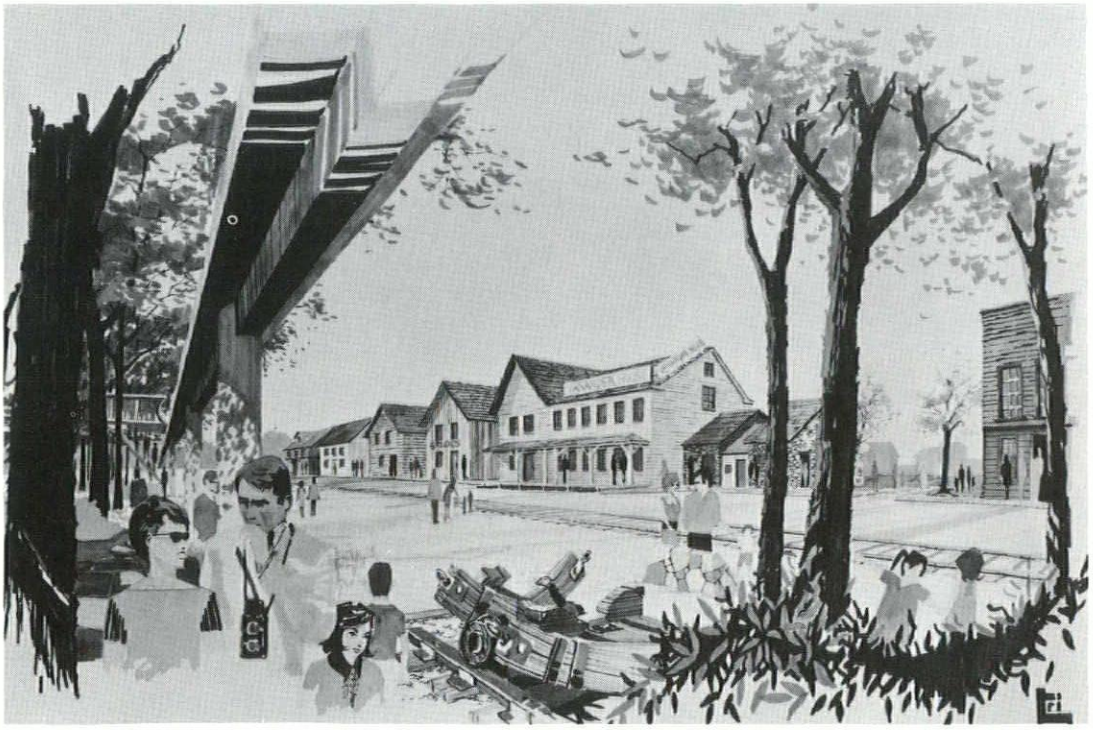
Prairie du Chein, Wisconsin and continue their work at the Forts of Mackinac. Although all of these sites include the restoration or reconstruction of one or more forts, this by no means should indicate that their work is limited to military sites. Examples of the variety of projects they are working are on: Reconstruction of several miles of the grand Erie Canal with operating horse-drawn canal boats and a replicated canal town for the Historic Rome Development in New York. Restoration of the historic waterfront street, the design of a monorail system and the conversion of a freighter into a marine museum figure in plans for Sault Ste. Marie.

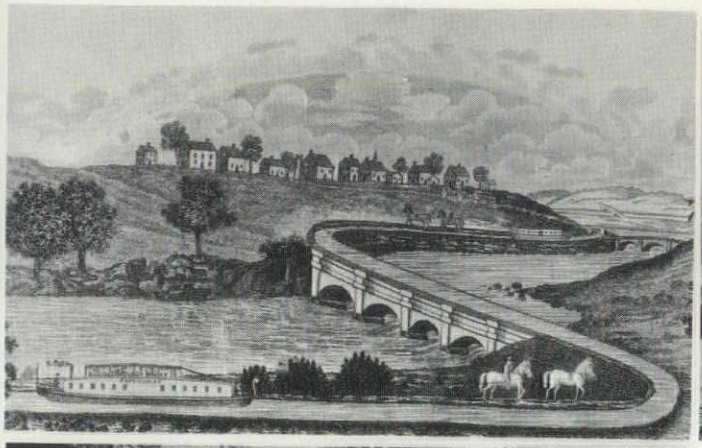
It is a contention of the firm that the finest restoration is meaningless unless it is interpreted to the visitor. Therefore, the design of exhibits and the use of the many new techniques for interpretation which make the past come alive in the mind of the visitor, are an important service of the firm. The man weaving the wall may serve as an example: To those visitors who watched him at work. the past has real meaning. A chicken or a pig wandering in a restored fort can be more meaningful than a room full of exhibits and can supply some of the sounds and smells which lend an atmosphere of realism to what otherwise could be a dull representation of fact.

The firm proposes programs for the conduct of historical and archeological programs and assists communities in securing cooperative arrangements with universities which result in meaningful, academically oriented research. The results of this work are made available to other scholars.

In many cases, the firm assists the community in exploring the avenues where they might secure funds which permit the development to become a reality. They give advice on organization, zoning and prepare economic studies as a basis for bond issuance. One of their most important functions is to integrate the research of historians and archeologists through analyz-

A two block section of this historic street, as it appeared in 1850, is one of the elements in a proposed program to restore and develop the waterfront at Sault Ste. Marie. An elevated monorail, transporting visitors from one historic site to another offers dramatic views of the restored structures.





Mr. Frank (on the right) and Mr. Hogg examine a paint encrusted modillion which will be used in the restoration of a Greek revival house in Grosse Pointe.

View on the Miami Canal, about 1842, somewhere between Dayton and Cincinnati, Ohio.

Packet boat on the Ohio and Erie Canal, during the 1880's.

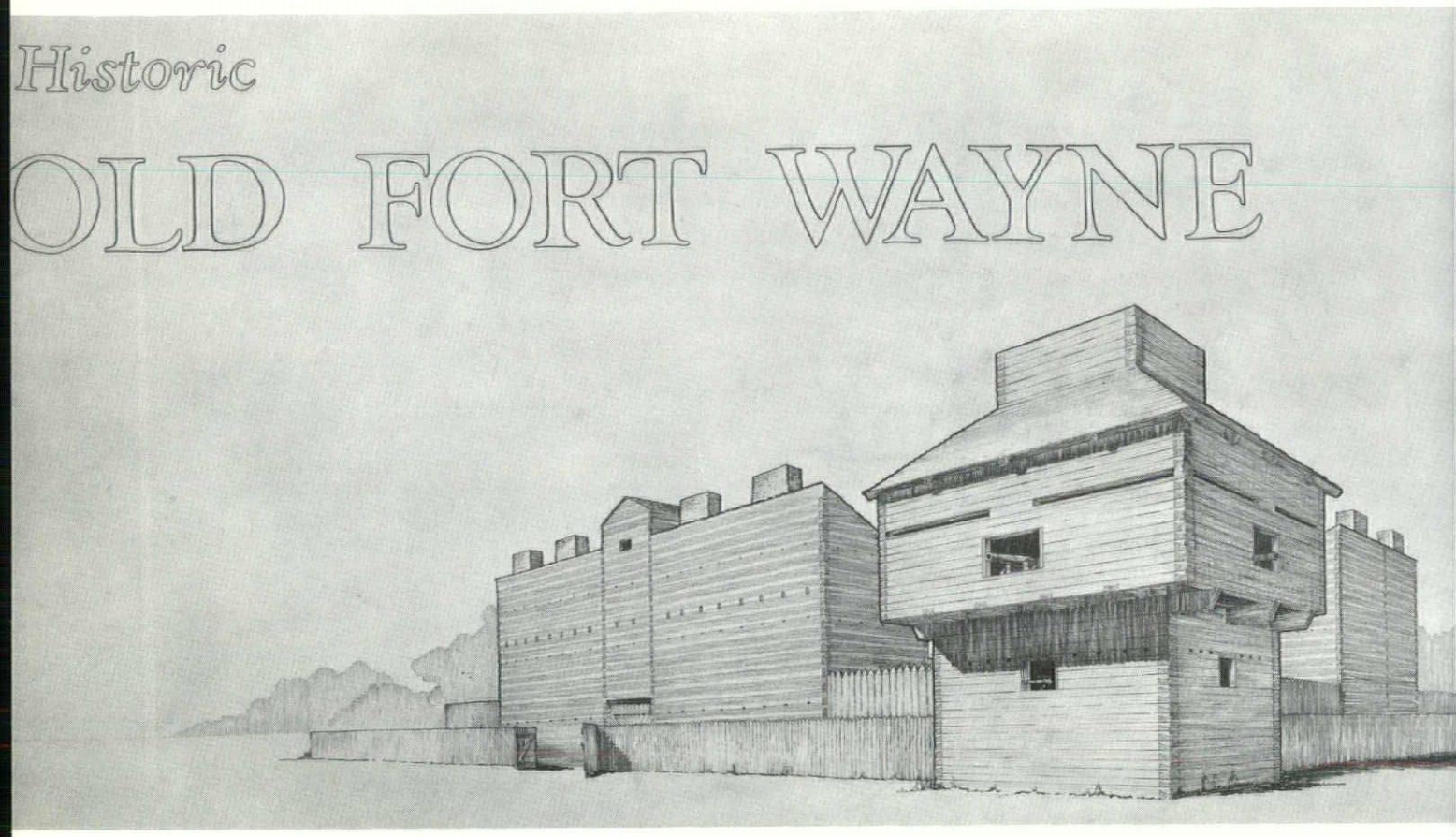
ation of the data recovered and the application of knowledge of historical construction techniques and materials to fill the gaps in knowledge which always become apparent.

Some of the research which is undertaken in order to achieve accuracy has all the elements of a detective story. In one case clues, over 110 years old, led to the determination of construction details of Old Fort Wayne. A small, varnish encrusted painting in the Allen County Museum was said to represent the "old blockhouse" of Fort Wayne. The style was primitive but the composition was such that it could only have been painted from a photograph. The last building in the fort had been demolished in 1852. Could a photo have been made that early and, if so, could it still exist? A search of dusty files in the attic revealed a small metal plate with a faint image on the surface. Modern photographic techniques were called into play and the plate was rephotographed to reveal that it was a daguerreotype of the same building, the people were wearing the same clothes as the ones in the painting. There was one difference, this plate had been exposed a short time before the one from which the painting had been copied. Now, a further question was raised, the building in the photograph could not be the building it was said to represent. The original Officers' Quarters had had its north end removed when a canal was cut through the old fort grounds. What would have to be the north end of the building in the photo was in its original condition. This bothered the researchers for several days until soneone said, "Of course, a daguerreotype gives a reversed image, flip the negative and this becomes the south end. Then everything fits."

The greatest thrill, however, is when a structural detail is missing and must be determined by logical reasoning, by saying, "If I were the builder, what would I do?" Then, after the building has been erected, to have a drawing or a photograph discovered which reveals that the assumptions made were correct.

The structure and practices of an architectural and engineering firm have proven ideal for the conduct of such work, but new techniques and methods must be developed to meet the demand. For instance, the replication of historic techniques of construction must be drawn and specified in such a manner that modern construction techniques can produce accurate replicas. Where modern techniques are not practical, specifications or training sessions for contractors are held to train the workmen in the use of an adze or a broadaxe. Recently the architect's entire office staff assembled in the back yard of one of the members. They had with them a number of ancient tools, borrowed from a museum, and a pile of

Historic OLD FORT WAYNE



logs. Through a long, hot afternoon, they swung axes and mallets as they hewed square timbers from round logs and split cedar shingles with a froe. It was felt that unless the draftsmen and the specifications writers understand the problems and techniques of "axe architecture", they cannot adequately present, in drawings and words, the effect desired in the final product.

The work of the Historic Projects Division is not entirely concerned with forts, town museums and major complexes. Individual houses and buildings of historic importance play a part in keeping the staff busy. Nor are all the structures the Historic Division works with old in years or in style. Visitor centers, museums, bridges, offices, etc. are generally contemporary in design and quite functional for their highly specialized use.

Construction is underway at the Forts of Mackinac and work will be in progress next summer at Rome, New York and Fort Wayne, Indiana. If you are in the area, put on your tricornered hat, stop in and watch history come alive.

1. *Old Fort Wayne was built in 1817 by Major John Whistler, "Whistler's grandfather". The sturdy log walls were, not designed to defend against cannon fire, but rather against the muskets and arrows of the Indians. For instance, the shingled roofs sloped inward to make it more difficult to set fire to the fort. Built of white oak logs, the buildings were enclosed by a 12 foot palisade of square, hewn pickets. The last building was dismantled in 1852.*

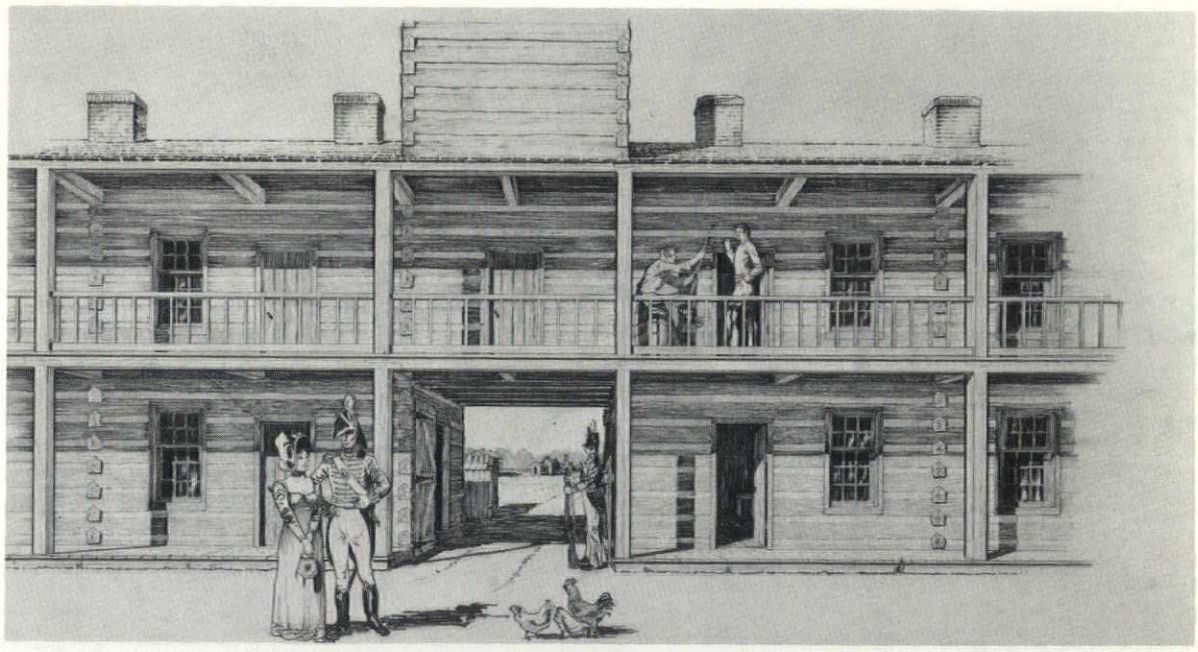
2. *The brick bake oven at Fort Wayne will be reconstructed and used to produce tasty loaves of hot bread to whet the appetite of the thousands of tourists who will come to visit the fort. These visitors contribute, not only to the success of the fort, but to the general economy of the city.*

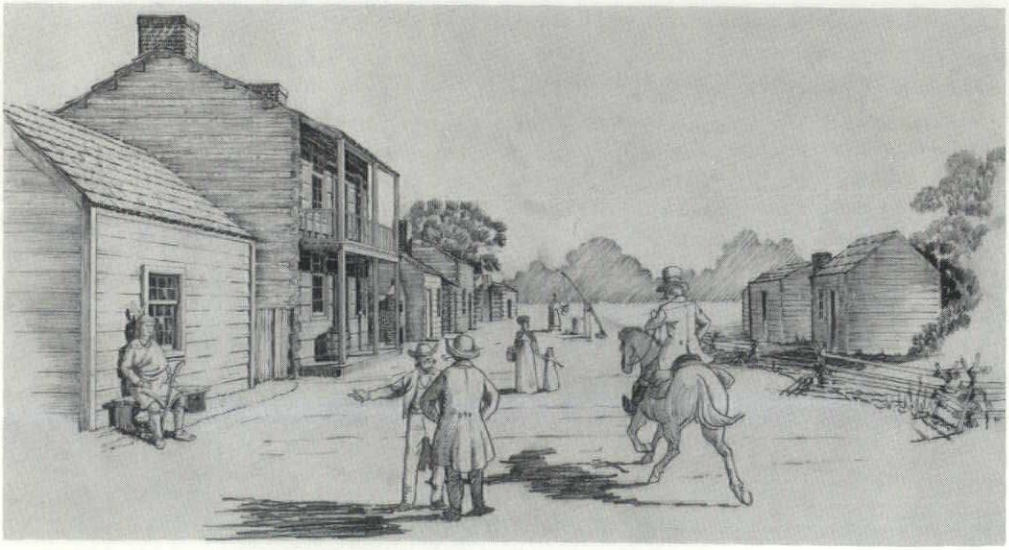
3. *The Soldiers' Barracks in Old Fort Wayne served as the main gate to the fort. In a few years this parade ground will again ring to the sound of uniformed soldiers' marching feet. Even chickens will contribute to the feeling of the past, adding to the sights, sounds and smells which create the "living past".*

4. *The main street of Fort Wayne in 1817 was typical of towns which sprung up in the vicinity of early forts. Work will begin to recreate the town in 1968. Details such as the well sweep, have been authenticated and play a part in the accurate reconstruction of the early city.*

2.

3.





4.

continued from page 14

ban Design Study and the proposed plan for the Detroit Cultural Center.

His current assignment with G&R are the "RECAP" project for the city of Grand Rapids (a religious, educational and cultural area plan), and programming and design of a new campus for the University of the Americas in Puebla, Mexico.

McCafferty received the degree of Bachelor of Architecture from the University of Notre Dame, and a Masters Degree in Urban Planning from Wayne State University.

He is both a registered architect and city planner. His affiliations include the American Institute of Architects, the American Society of Planning Officials and an associate membership with the American Institute of Planners.

MSU Offers B. of Landscape Architecture

A new degree program for landscape architects, designed to help relieve the short supply of trained personnel in this profession, will be offered at Michigan State University beginning this fall.

According to Dr. Myles G. Boylan, director of MSU's School of Urban Planning and Landscape Architecture, there is unprecedented demand today for professionals involved in the design of outdoor space.

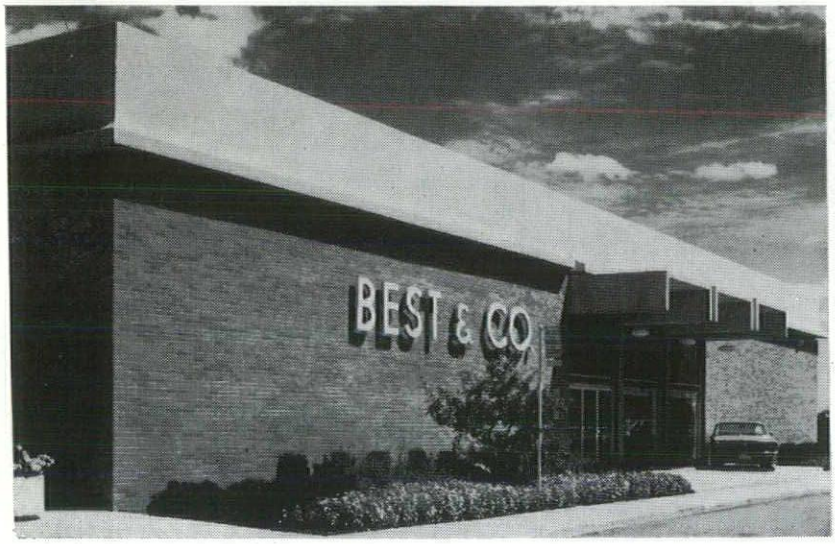
The new program provides an optional one-year supplement to the four-year bachelor of science degree program now offered in landscape architecture.

Students who enroll for the additional year will earn another degree — bachelor of landscape architecture — in addition to the B.S.

The fifth year will offer greater concentration on specifics such as urban design, climate and ecology, conservation of open space, and the use of computer techniques as they relate to the profession. Eventually, the five-year program will be a prerequisite for entry into the master's program. MSU's program in landscape architecture is the oldest in the U.S.

PRESTRESSED CONCRETE

built a better place to do business



Best & Company Store Building
Northland Center
Southfield, Michigan

Frederick Stickel Associates, Architects
Holforty, Widrig, O'Neil & Levin Associates, Structural Engineers

Four different forms of American prestressed and precast concrete structural components were used in this striking store building. These included twin tee flooring, supporting columns and exterior aggregate surfaced fascia panels and canopys.

Here is another interesting example of how prestressed and precast concrete members can contribute both beauty and utility to a commercial structure. Other plus advantages include: fire resistance, durability, ease of construction, spaciousness, design flexibility and low maintenance costs.

AMERICAN PRESTRESSED CONCRETE, INC.
Subsidiary of DeClerk Industries
6419 E. 10 Mile Rd., Centerline, Mich. • SLocum 7-3815

Pastor Announces Name Change

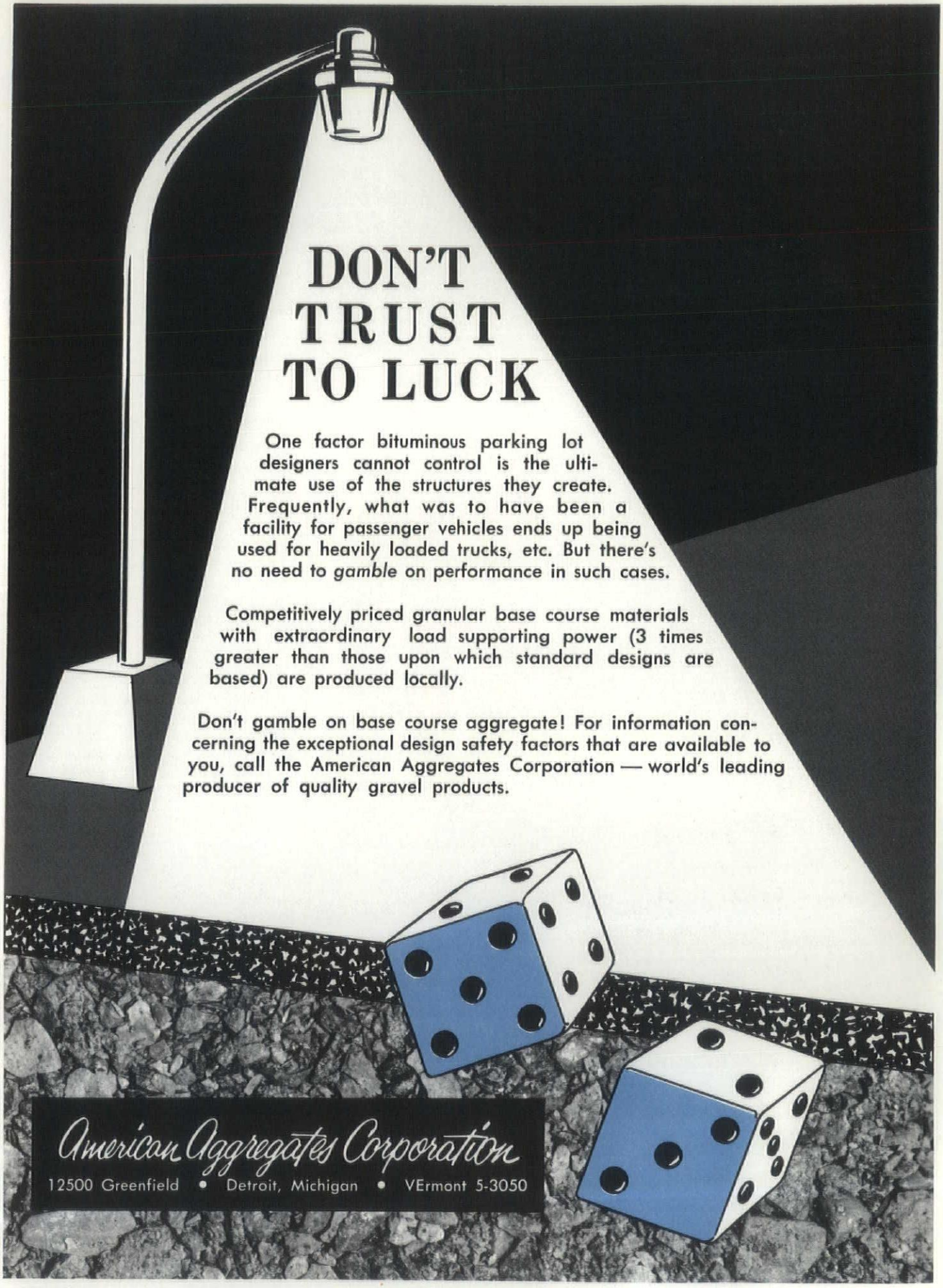
Nicholas Pastor announces his firm is now Nicholas Pastor and Associates, Inc., and the offices are located at 18610 West Eight Mile Road, Southfield, telephone 358-3883. Robert Showfer and Henry J. Tanana are associates in the firm.

AIA-AIAF Announce 47th Annual Scholarship Program

The AIA announced the opening of the 47th annual scholarship program of the AIA and the AIA Foundation for students and professional architects. By November 1, application forms for students will be available from the deans of all accredited schools of architecture. Interns and professionals may apply directly to the AIA scholarship secretary at AIA headquarters in Washington.

The scholarships, ranging from $200 to $2,000 for students, $1,000 to $3,000 for post-graduates, totaled approximately $37,000 for 58 awardees in the 1967-68 program. In addition to AIA endowments, donors include Blumcraft of Pittsburgh, Desco International Association, Eaton Yale & Towne, Inc., Pittsburgh Plate Glass Foundation, and Syska and Hennessy, Inc. of New York.

Deadline for all submissions is November 30. The AIA scholarship committee meets in January, and awards—based on scholarship and need — will be announced in the spring.


DON'T TRUST TO LUCK
One factor bituminous parking lot designers cannot control is the ultimate use of the structures they create. Frequently, what was to have been a facility for passenger vehicles ends up being used for heavily loaded trucks, etc. But there's no need to *gamble* on performance in such cases.
Competitively priced granular base course materials with extraordinary load supporting power (3 times greater than those upon which standard designs are based) are produced locally.
Don't gamble on base course aggregate! For information concerning the exceptional design safety factors that are available to you, call the American Aggregates Corporation — world's leading producer of quality gravel products.
American Aggregates Corporation
12500 Greenfield • Detroit, Michigan • VErmont 5-3050

Hilberry Appointed Vice-President of Birkerts

Gunnar Birkerts and Associates announce the appointment of John D. Hilberry, AIA, as Vice President of the firm and General Office Manager.

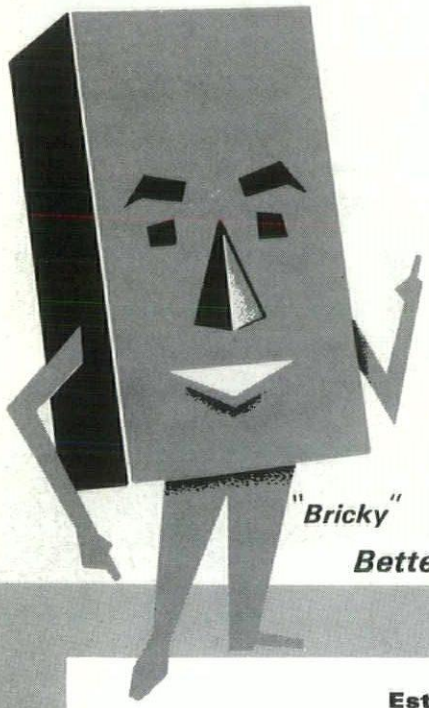
Hilberry, a graduate of the University of Michigan, where he received the 1958 George G. Booth Travelling Fellowship. Before joining the firm of Gunnar Birkerts and Associates, he was a senior designer at Smith, Hinchman and Grylls, and a designer at Minoru Yamasaki and Associates. He is a member of the American Institute of Architects and the Michigan Society of Architects.

CLASSIFIED

ARCHITECTURAL FIELD INSPECTOR — Graduate Architect or Civil Engineer preferred. 2 years previous experience mandatory. Long range building program. Wayne State University, TE 3-1400, extension 581.

Available

Studio building in choice location on North Woodward Avenue in Royal Oak with excellent drafting space for architectural or engineering firm. 20′ x 60′ with 40′ window in north side. Two small offices, two lavatories, air conditioning, adequate parking. For further information call LIberty 9-3666.



GGG CORPORATIONS T.M.

"Better Service to Michigan with Art & Skill in firing at it's best — Brick!"

Better Brick Builds Better Buildings

Est. 1915
GENERAL CLAY PRODUCTS CORP.
1445 West Goodale Blvd. Columbus, Ohio 43212
Phone 486-0614 Area 614

Est. 1904
GENERAL WADSWORTH BRICK CORP.
Box 340 South Main St. Wadsworth, Ohio 44281
Phone 335-1515 Area 216

Est. 1904
GENERAL HOCKING BRICK CORP.
1445 West Goodale Blvd. Columbus, Ohio 43212
Phone 486-0614 Area 614
Plant — Logan, Ohio Phone 385-5616

DISTRIBUTED BY

FACE BRICK INC.
Detroit Metropolitan Area
15001 Fullerton Avenue
Detroit, Michigan 48227
Area 313/273-3900

MICHIGAN BUILDERS SUP.
Out State Michigan
Box C-24
Grand Rapids, Michigan 49506
Area 616/949-5810

OBITUARIES

George R. Page

George R. Page, AIA, first member emeritus of the Mid-Michigan Chapter, passed away on August 18. Born in the South in 1890, Page spent most of his adult life in the Lansing area where he was highly respected as the finest type of a gentleman. He worked during the 1920's for the Chrisman Construction Company and later maintained his own practice for a number of years in East Lansing, designing a good deal of housing and several public buildings, including the administration Building at the East Lansing post of the State Police.

During the early years of World War II he was with the Louis Kingscott office in Kalamazoo where he worked with military and other war-oriented facilities. This included a large ordance operation at Green River, Illinois. He joined the State Building Division in 1943 where he remained a key figure until his retirement in 1960 at the age of 70.

In his retirement years he was given emeritus status in the Mid-Michigan Chapter, and returned to his native south to live in Charlotte, North Carolina.

Paul Robson Marshall

Paul Robson Marshall, prominent and active in many Contractor Associations, died September 12, 1967.

For three score years, he had been devoted to unselfish service to the architectural profession and the building industry of Michigan. We own him gratitude beyond measure.

Chairman of the Michigan Building Industry Banquet Committee ever since he led in its formation in 1937, he had also contributed notably to the success of the Michigan Society of Architects Annual Convention by first establishing its Products Exhibits.

From the beginning of the Society's Biddle House Restoration Committee, he served as its Executive Director.

A Founder and Past President of the Producers' Council, Inc., Michigan Chapter, he was an Honorary Member of that organization.

As Vice President of the Builders & Traders Exchange of Detroit he made a valuable contribution, and in 1955 the Exchange cited him, "For His Noteworthy Service".

In recognition of his unfailing efforts on behalf of others, and for his many other noteworthy attributes the Michigan Society of Architects proudly awarded its Honorary Membership to Paul Robson Marshall.

One of the many hats of Consumers Power

Then write the specs. We could save you valuable time and effort. Consumers Power Company can help you find your way through the maze of local statutes, codes and ordinances. As a combination electric and natural gas utility serving much of Michigan, we cooperate with architects to achieve greater efficiency in service planning. So before you write the specs, make contact with your Consumers Power man. Call or write the Marketing Department at any one of Consumers Power Company's 15 divisions. Or contact our General Office, 212 West Michigan Avenue, Jackson, Michigan 49201.

Where "continuing progress" is more than just a slogan

Consumers Power

General Offices: Jackson, Mich.

Who Cares Who Raises The Roof?

You do, if you want a good one! The quality of workmanship you get on your job is just as important as the quality of materials. Specify ZONOLITE® VERMICULITE INSULATING CONCRETE by approved Zonolite Applicators. Get years of trouble-free service with an effective heat barrier of the "U" value you specify, and flexibility of construction that allows it to conform to any size, shape or contour. This lightweight economical material weighs just ⅙ as much as structural concrete, yet makes a permanent, rot-proof, fireproof roof deck, poured all in one piece so there are no seams to calk.

Approved Zonolite Applicators observe strict quality control, following rigid industry standards. Upon completion of your roof you get a certificate signed by the applicator and by Zonolite that your concrete was mixed and applied as specified.

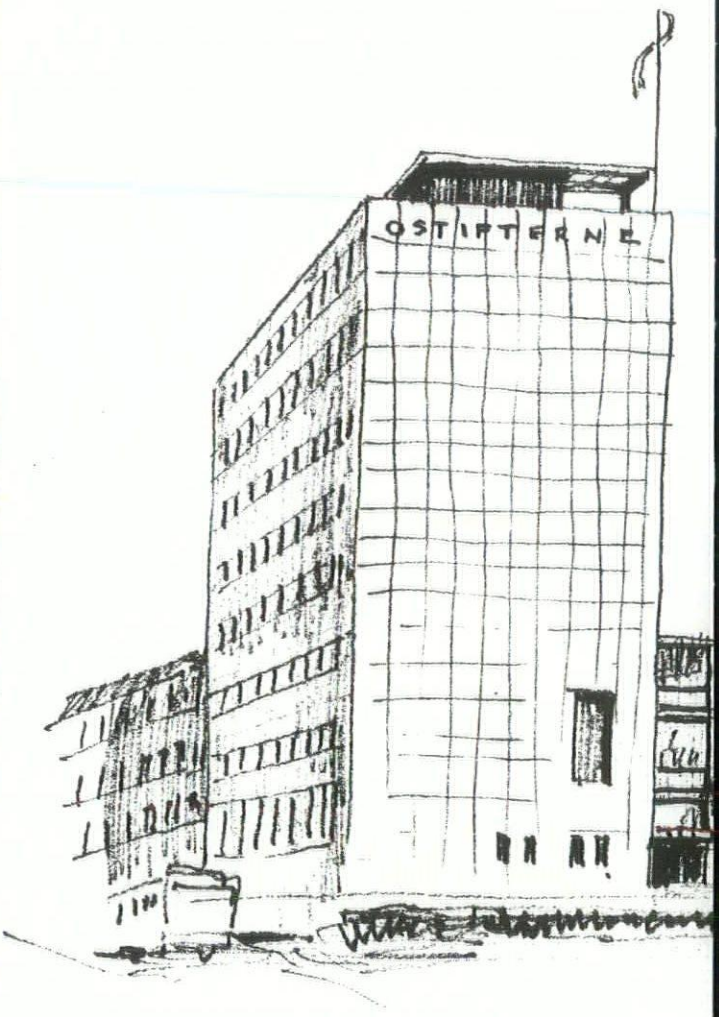
Avoid the risk of substandard materials and workmanship. On your next job specify a roof deck of Zonolite Vermiculite Concrete —by an approved Zonolite Applicator.

CERTIFIED APPLICATOR ZONOLITE ROOF DECK

ZONOLITE®

GRACE

Zonolite Division, W. R. Grace & Co.
135 South LaSalle Street, Chicago, Illinois 60603

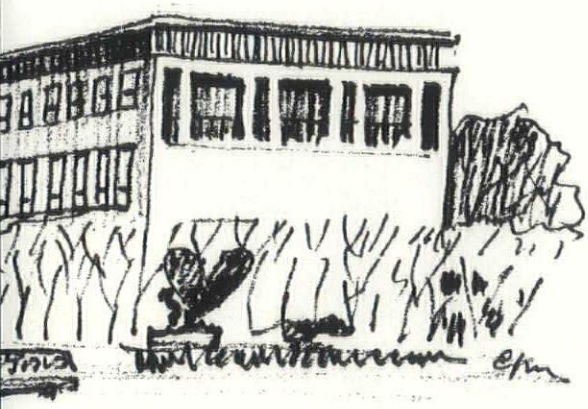


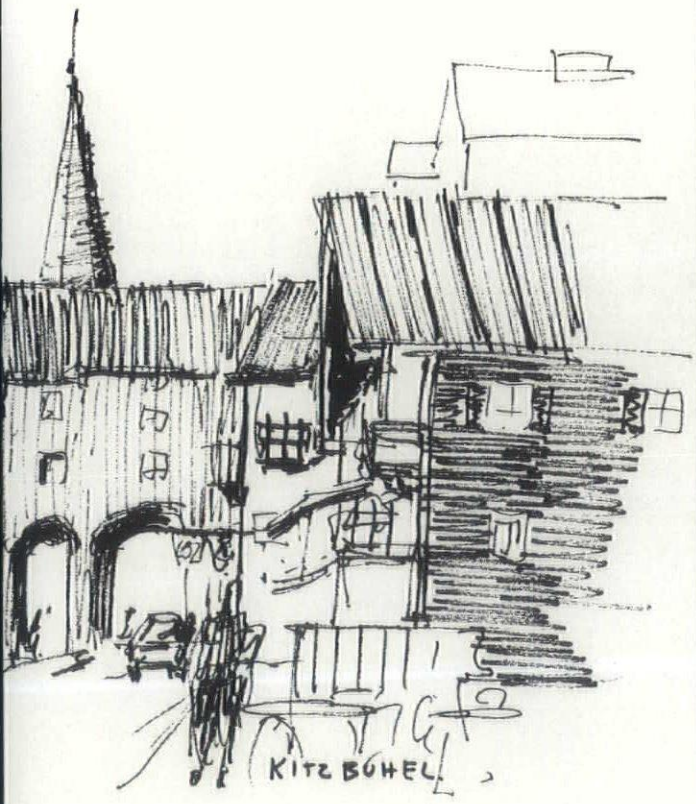
1 HANS CHRISTIAN ANDERSEN BLVD
COPENHAGEN,

GRAPHIC IMPRESSIONS

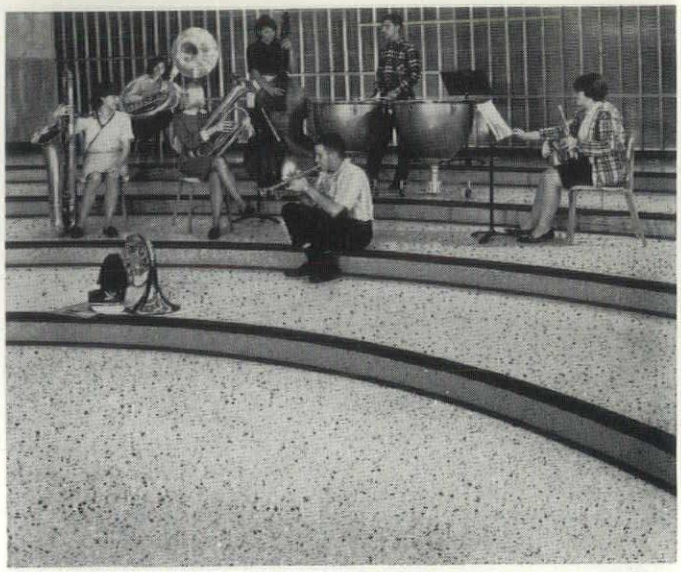
ELMER J. MANSON, AIA

On a recent trip to Europe Elmer Manson recorded his impressions of local scenes. He has graciously shared them with us this month in the Bulletin.





FIRST IN ITS CLASS AT SCHOOL



...FINEST FOR HOSPITAL FLOORS

Flexi-Flor, Tara-Flor Resilient Sheet Rubber Flooring Has More To Offer

- Lessens Noise • Reduces Foot Fatigue • More Sanitary
- Safer Footing • Absorbs Shock • Easier Maintenance
- In Yard-Wide Rolls and Tiles • Three Gauges: 3/32", 1/8", 3/16"
- 32 Marbleized or Terrazzo Color Patterns

Write for new catalog, samples.

THE R.C.A. RUBBER COMPANY
An Ohio Corporation of Akron, Ohio
1833 East Market, Akron, Ohio 44305

Our 47th Year

MECHANICAL CONTRACTORS

Specialists in —
- **Construction**
- **Operation**
- **Maintenance**

of mechanical systems

MECHANICAL HEAT & COLD

12300 HAMILTON AVENUE
DETROIT 3, MICHIGAN
TELEPHONE: TOWNSEND 8-9600

Acorn Iron Works

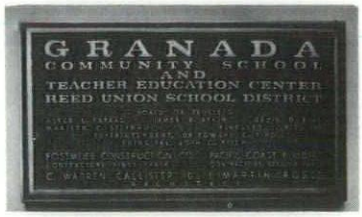
INCORPORATED

MEMBER
AMERICAN INSTITUTE
OF STEEL CONSTRUCTION

FABRICATORS & ERECTORS
STRUCTURAL STEEL
MISC. IRON

DETROIT 28, MICH.
TE 4-9090

ANOTHER
SUPERSINE
ON THE JOB



CAST BRONZE TABLET
C. Warren Callister & J. Martin Rosse, Architect

Another example of the unlimited choice of materials, alphabets, and designs available from Supersine.

- **Die raised signs**
- **Engraved signs**
- **Cast signs**
- **Individual letters, custom designed and pictorial information signs**

Phone today for complete design and advisory services . . .

THE SUPERSINE COMPANY
17685 FILER AVENUE, DETROIT, MICHIGAN 48212
TELEPHONE 892 6200 AREA CODE 313

PICTURED: New Fashion Shop addition to Pontiac Mall; ***Charles N. Agree, Inc. Architects***

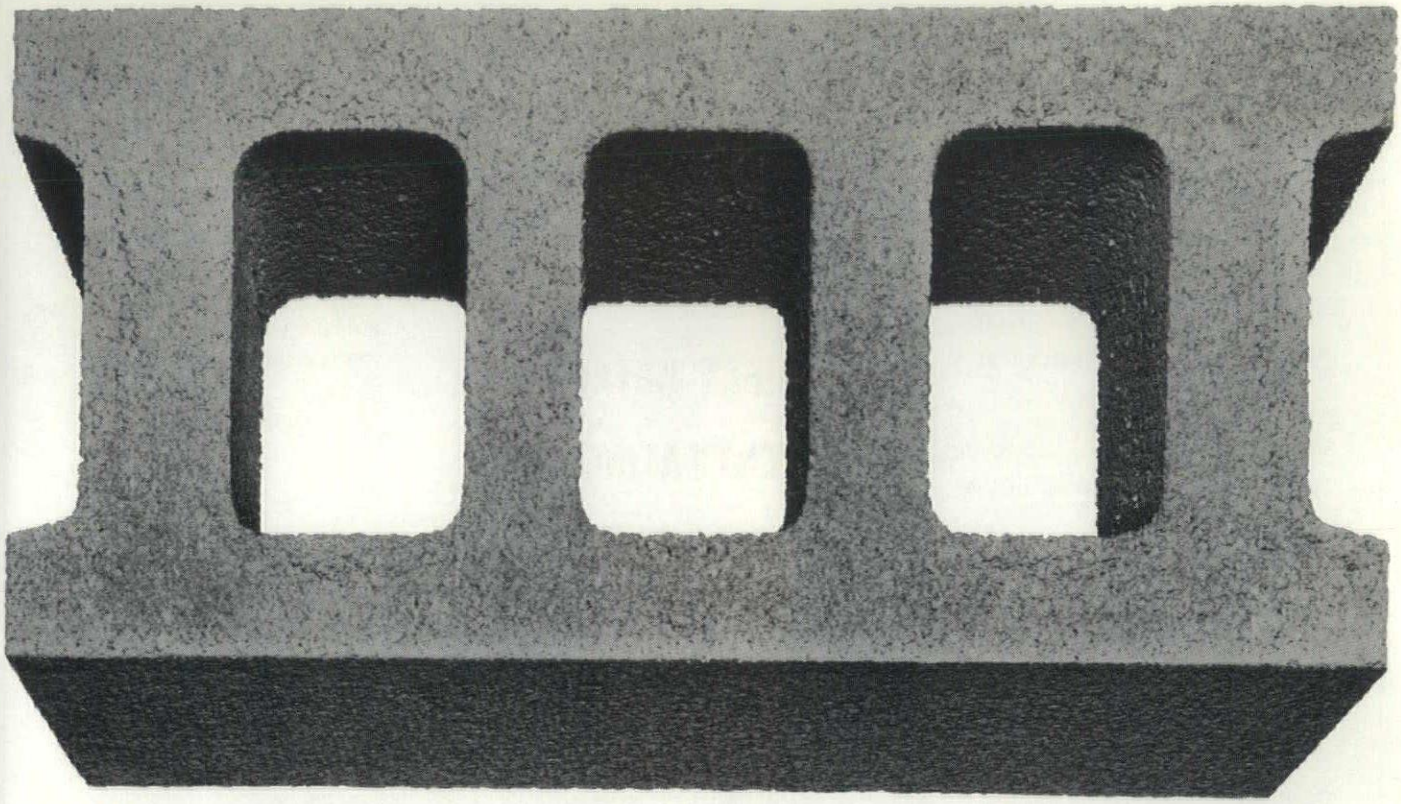
Ceramic Tile Professionally Installed:

Glass mosaic fountain and ceramic planter boxes in center of Mall; ceramic tile, quarry tile and slate used extensively throughout new section of Mall. Ceramic tile installed to replace substitute materials in existing planter boxes in older section of Mall.

when an architect plans for the future . . .

he selects building materials very carefully. A ceramic tile contractor will be pleased to explain how quality products and professional installation methods produce lasting effect.

CERAMIC TILE CONTRACTORS PROMOTION FUND, INC.
25100 Evergreen Road • Southfield, Michigan 48075



Absorbs noise. Concrete masonry units, produced from USS GARYLITE Expanded Slag lightweight aggregates—with its cellular structure—have surface textures that absorb more noise than masonry units made with almost any other aggregate. Sound absorption values of slag units range from 20% for the very fine textured units to 70% for units with a coarse structure. The average commercial slag concrete block has sound absorption values between 40% and 70%. When lightweight aggregates are used, there is a greater sound absorption by concrete masonry unit walls in proportion to their weight than in those of other masonry materials. In addition, USS GARYLITE Slag masonry units offer high fire resistance, excellent thermal insulation and proven durability.

For more information on USS GARYLITE Slag—call or write United States Steel, Raw Materials Sales, at any of the following offices: 208 South LaSalle Street, Chicago, Illinois 60690 (Area Code 312) 236-9200; 209 Broadway Building, Lorain, Ohio 44052 (Area Code 216) 245-6897; 525 William Penn Place, Pittsburgh, Pa. 15230 (Area Code 412) 391-2345.

USS and GARYLITE are registered trademarks of United States Steel.

USS **Garylite Slag**

MICHIGAN DRILLING CO.

SOILS & FOUNDATION ENGINEERS
SERVING THE MIDWEST SINCE 1928

Soils Explorations and Laboratory Testing for Foundations and Other Structures

Consulting Services in Soils Engineering, Research & Other Special Problems

14555 WYOMING AVE.
DETROIT 38, MICHIGAN
933-9366

M. Den Braven

Our 53rd Anniversary

SHEET METAL
VENTILATING
AIR CONDITIONING

9080 Alpine Avenue
Detroit 4, Michigan
WE 3-7494-5-6

TANKS

MANUFACTURERS OF

Underwriters Approved
STORAGE TANKS

Shop fabricated to 50,000 gals. capacity. Larger tanks field erected

★ HOPPERS

★ VATS

★ BINS

"We Fabricate to Your Specifications"

Plymouth Tank & Fabricating Co., Inc.

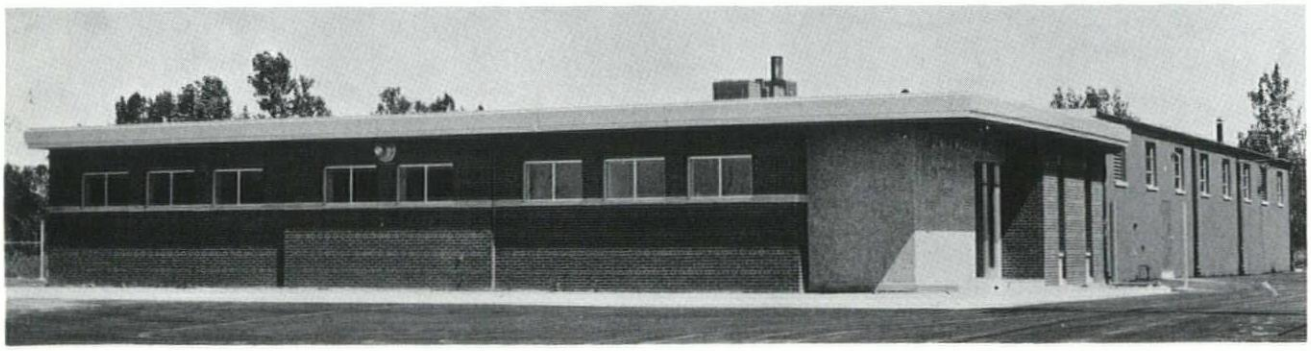
41155 Joy Rd. Plymouth, Mich.

313-425-2222

ZENI AND MAGUIRE COMPANY

MECHANICAL CONTRACTORS

INDUSTRIAL • COMMERCIAL • INSTITUTIONAL



New Facilities of Zeni and Maguire Company

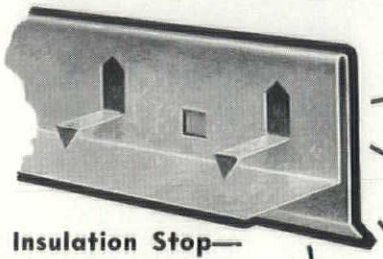
TO BETTER SERVE OUR CLIENTS

30850 Industrial Road, Livonia, Michigan
Telephone 261-3200

McKinley Fascia System—

THE COMPLETE ROOF EDGE SYSTEM

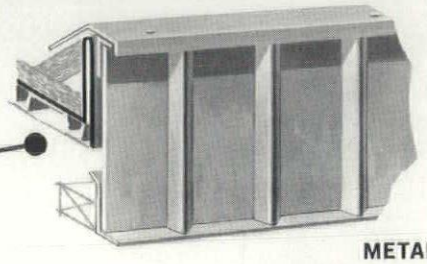
- positive venting of insulation
- positive fastening
- built-in pitch dam
- positive alignment—vertical and horizontal
- allows for expansion and contraction



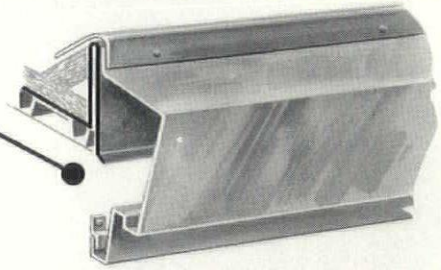
McKinley Insulation Stop—
the "heart" of the system!

- 18 gauge galvanized iron
- built-in insulation cleats and vapor vents

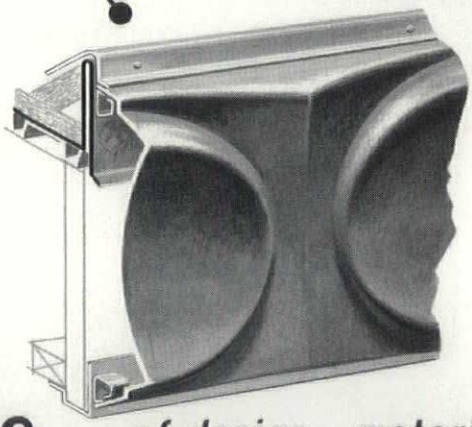
METAL—extruded



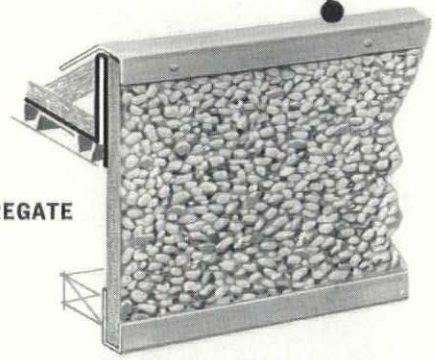
METAL—formed—any shape



ACRYLIC—any shape



AGGREGATE



—Gives You a Choice . . . *of design—material—finish!*

All fascia designs shown are available through McKinley.

Manufacturers of Architectural Metal Specialties and Sun and Weather Control Products

Phone or Write today
for additional information

Custom Metal Products

o. o. McKINLEY co., inc.

4530 North Keystone Ave. • Indianapolis, Indiana 46205
Telephone 317-546-1573

In Michigan: District Office—Kalamazoo 349-5877
Representatives: Kalamazoo 349-7243
Detroit 566-2326

In Ohio: District Office—Hamilton 895-0962
Representatives: Cincinnati 721-0068
Cleveland 248-6543
Columbus 451-2151
Toledo 382-9509

pyramid

construction company, inc.

■ general contractors

■ Phone 626-9924, Area Code 313

■ 31471 Northwestern Hwy.
■ Post Office Box 412
■ Farmington, Michigan, 48024

JM

Approved Johns-Manville Contractor

Equipped to handle all commercial and industrial insulation needs and requirements.

Willman Asbestos Co.
304 So. Niagara Street
SAGINAW, MICHIGAN 48602
Telephone 793-3990

PAM

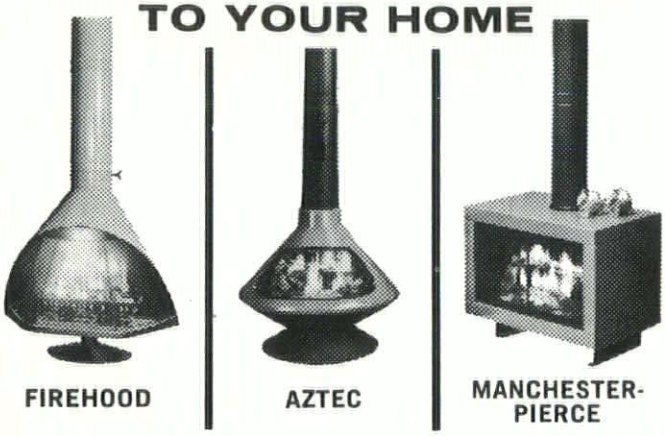
PLASTIC SKYLIGHTS and ROOF ACCESSORIES

HILLSDALE INDUSTRIES

Hillsdale, Michigan 49242

(517) 439-9351

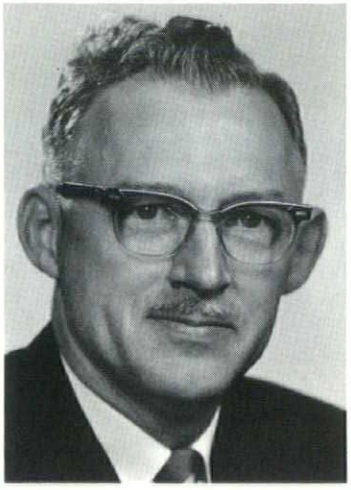
ADD STYLE AND COLOR TO YOUR HOME



FIREHOOD | AZTEC | MANCHESTER-PIERCE

There's a fireplace to fit any decor. Choice of beautiful decorator colors. In gas and wood burning models . . . easily installed to add the warmth and atmosphere of an open hearth to your home or cabin.

DONDERO SASH & SCREEN, INC.
1523 N. Main Street
Royal Oak, Michigan 48067
LI 5-0600 or LI 5-1902
MICHIGAN DISTRIBUTOR FOR CONDON-KING AND MALM FREE-STANDING FIREPLACES



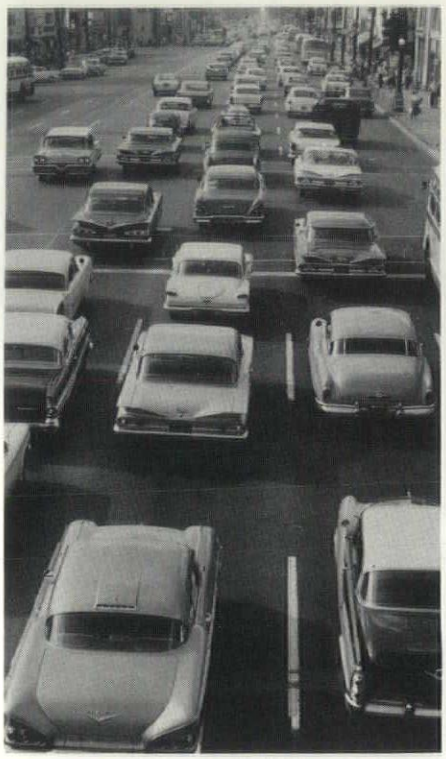
Robert L. Durham, FAIA

DON'T MISS IT!!!

The Gala Birthday Party celebrating the 80th Anniversary of the founding of the Detroit Chapter, AIA, on the evening of Saturday, November 18, 1967, at the Statler Hilton Hotel, Detroit.

Robert L. Durham, FAIA, President of the American Institute of Architects, will be our honored guest.

Invitations and reservation replies are in the mail.



STEEL PARKING RAMPS

The Economical Solution To Off-Street Parking!

The fiscal health of any city relies on the tax support of its business community and downtown commerce vitally needs increased, convenient parking facilities. Budget and tight building schedules are often a problem.

Steel offers the solution. Significant savings in material, time and labor are realized with steel in constructing parking ramps.

Further extras gained with steel construction are beauty of design, speed of erection, faster return on investment and predictability of results.

With all its advantages, steel provides the best solution to this municipal problem.

For information on the latest concepts in design and engineering with steel, contact:

GREAT LAKES FABRICATORS and ERECTORS ASSOCIATION
519 New Center Building, Detroit, Michigan 48202 (313) 875-4222

SHOWCASE...

Presents

MICROFILM LIBRARY FOR CONSTRUCTION INDUSTRY

READY FOR DELIVERY

FINGER-TIP-ACTION FOR

- ARCHITECTS
- ENGINEERS
- DESIGNERS
- SPEC. WRITERS
- CONTRACTORS
- MANUFACTURERS
- EDUCATORS
- GOVERNMENT

FOR YOUR TOTAL OFFICE, REQUEST A DEMONSTRATION,
OR VISIT OUR SYSTEMS SERVICE BUREAU

SHOWCASE CORPORATION
6230 JOHN R, DETROIT, MICHIGAN 48202

(313) 874-2000

GOOD TO KEEP ON HAND

THIS CURRENT ROSTER OF THE MECHANICAL CONTRACTORS ASSOCIATION OF DETROIT

"YOUR SOURCES FOR COMPLETE MECHANICAL BIDS"

WILLIAM A. ADAM CO.
William N. Adam Robert J. Adam
8810 Grinnell, Detroit, Mich. 48213
WA 1-0218

ALLEN BRIGGS CO.
G. Allen Briggs Allen Briggs, Jr.
14051 W. 11 Mile Rd., Oak Park, Mich.
48237. 544-7600

BRADY PLUMBING & HEATING CO.
F. C. Richter William Reid
21143 Schoolcraft, Detroit, Mich.
48223. KE 7-9250

CARRIER AIR CONDITIONING CO.
Jack White (Assoc. Member)
5301 Oakman Blvd., Dearborn, Mich.
48126. LU 4-2701

THE ROBERT CARTER CORP.
R. A. Carter Richard Kahn
13305 Capital Ave., Oak Park, Mich.
48237. 547-7000

DAVIS BROTHERS, INC.
Roy P. Frawley Jack E. Wilson
12300 Hamilton, Detroit, Mich. 48203
TO 8-9600

EAMES & BROWN, INC.
D. B. Eames Ken Senior
55 Pike St. East, Pontiac, Mich.
48058. FE 3-7193

GLANZ & KILLIAN CO.
E. F. Glanz
1761 W. Forest, Detroit, Mich. 48208
TE 1-7820

GOSS MECHANICAL CONTRACTING CO.
Bruce Walker Derwin J. Walker
3490 Ludden St., Detroit, Mich. 48207
LO 7-6610

JOHN E. GREEN PLUMBING & HEATING CO., INC.
Edward J. Green Donald P. Green
220 Victor Ave., Highland Park, Mich.
48203. TO 8-2400

LORNE COMPANY, INC.
L. R. Lyons W. J. Blough
641 W. Congress St., Detroit, Mich.
48226. WO 2-0112

L. L. McCONACHIE CO.
D. L. McConachie H. S. Cornelius
2240 Mt. Elliott Ave., Detroit, Mich.
48207. LO 8-3700

MECHANICAL HEAT & COLD, INC.
T. "Hol" Mabley Paul S. Hosman
12300 Hamilton Ave., Detroit, Mich.
48203. TO 8-9600

THE DONALD MILLER CO.
John P. Molloy Malcolm N. MacLean
3250 Bellevue, Detroit, Mich. 48207
WA 4-9800

J. L. O'LOUGHLIN CO.
J. L. O'Loughlin Edward Shea
14555 Stansbury, Detroit, Mich.
48227. VE 8-9200

PAGE PLUMBING & HEATING CO.
E. A. Page, Sr. E. A. Page, Jr.
100 W. Pleasant St., River Rouge,
Mich. 48218. VI 3-3450

JAMES W. PARTLAN CO.
A. David Bertoncin Arthur F. Link
P. O. Box 187, Hazel Park, Mich.
48030. 548-6200

W. J. REWOLDT CO.
Chas. Byrne, Sr. Chas. Byrne, Jr.
P. O. Box 206, Southfield, Mich.
48075. 353-2040

SHAW-WINKLER, INC.
H. B. Shaw A. W. Docking
14855 Ward Ave., Detroit, Mich.
48227. VE 8-0500

SPITZLEY CORP.
J. H. Spitzley R. Lester Spitzley
1200 W. Fort St., Detroit, Mich.
48226. WO 1-0840

THE STANLEY-CARTER CO.
R. I. Petrillo D. T. Vass
13540 Linwood Ave., Detroit, Mich.
48238. TU 3-1200

YORK CORP. (Assoc. Member)
Robert J. Reynolds E. L. O'Rosky
16501 Meyers, Detroit, Mich. 48235
864-1701

ZENI & MAGUIRE, INC.
J. Zeni W. Maguire
12321 Woodrow Wilson, Detroit,
Mich. 48206. 868-3070

MCA OF AMERICA

JOHN P. DAVIS, EXC. SEC.
14901 MEYERS RD.
PHONE 273-4700

CALENDAR

1967

October 10	Annual Meeting, Detroit Chapter, Statler Hotel, 6:00 P.M.
November 12 - 18	80th Anniversary — Founding of Detroit Chapter, AIA.

1968

January 23, 1968	Anthony Adinolfi, guest speaker of Detroit Chapter—Engineering Society of Detroit.
March 13, 14, 15, 1968	54th Annual MSA Convention—Detroit.
June 24 - 28	AIA Convention, Portland, Oregon

ADVERTISER'S INDEX

Acorn Iron Works 30
American Aggregates Corp. 25
American Prestressed Concrete Products 24
Ceramic Tile Promotion Fund 30
Consumers Power Company 27
Darin & Armstrong 38
Den Braven, M. 32
Detroit Edison Co. 7
Dondero Sash & Screen Co. 34
Duo-wire (Light Weight Aggregates Corp.) ..... Cover 3
Duwe Precast Concrete Products 17
3G Corporation 26
Glanz & Killian 13
Great Lakes Fabricators & Erectors Assoc. 35
Hillsdale Industries 34
Kimball & Russell 6
Levy, Edw. C. Co. 15
Mechanical Contractors Association of Detroit 37
Mechanical Heat & Cold 30
Michigan Asphalt Paving Assoc. ..... Cover 4
Michigan Bell Telephone Co. 16
Michigan Consolidated Gas Co. ..... Cover 2
Michigan Drilling Co. 32
McKinley Co., O.O. 33
Palombit Tile Co. 38
Plymouth Tank & Fabricating Co. 32
Precast/Schokbeton Inc. 8
Pyramid Construction Co. 34
RCA Rubber Co. 29
Roofing Industry Promotion Fund 14
Showcase Corp. 36
Structural Clay Products Institute—Region #4 1
Supersine Co. 30
Turner Engineering Co. 5
Unitel States Steel Corp. 31
Willman Asbestos Co. 34
Zeni-McGuire Co. 32
Zonolite 28

SEAMLESS FLOORS

SELBY

BATTERSBY

SPECIFY *SELBATWEDE*

Lightweight—1.1 lbs./sq. ft. @ ⅛"

Ceramic coated quartz aggregates combined with urethane resins producing an extremely durable, lightfast, resilient floor. Available in 9 basic aggregate colors permitting wide range of color selection

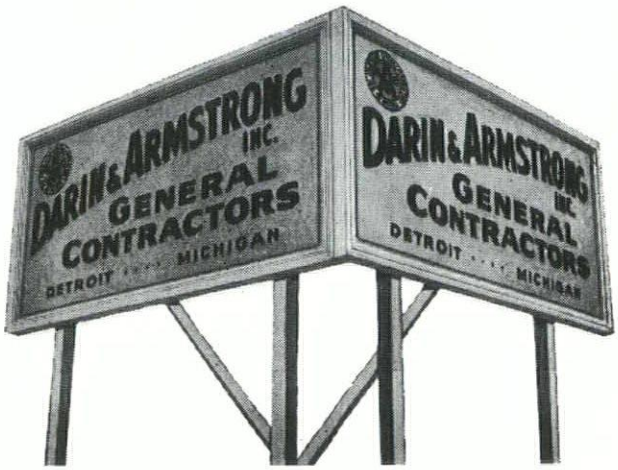
Specify Selbatwede where a thin (⅛") decorative, tweed textured floor is desired. Excellent for cafeterias, coffee shops, retail stores, showrooms, and areas having heavy foot traffic.

PALOMBIT TILE CO.

11043 Gratiot Ave. • Detroit, Michigan

DR 1-4520

WHEREVER YOU SEE THIS SIGN . . .

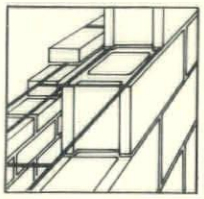


MICHIGAN IS ON THE MOVE

Douglas MacArthur Elementary School General Contractor: H. F. Campbell Construction Co. Mason Contractor: Stewart Muir

THE LAST WORD IN MASONRY WALLS:

Duo-Wire . . . the horizontal wall reinforcement that provides greater strength, economy and durability. Duo-Wire is weather-free warehoused ready for delivery and packaged light enough for one man to handle. Specify Duo-Wire. It's available (No delays!) through your masonry dealer.

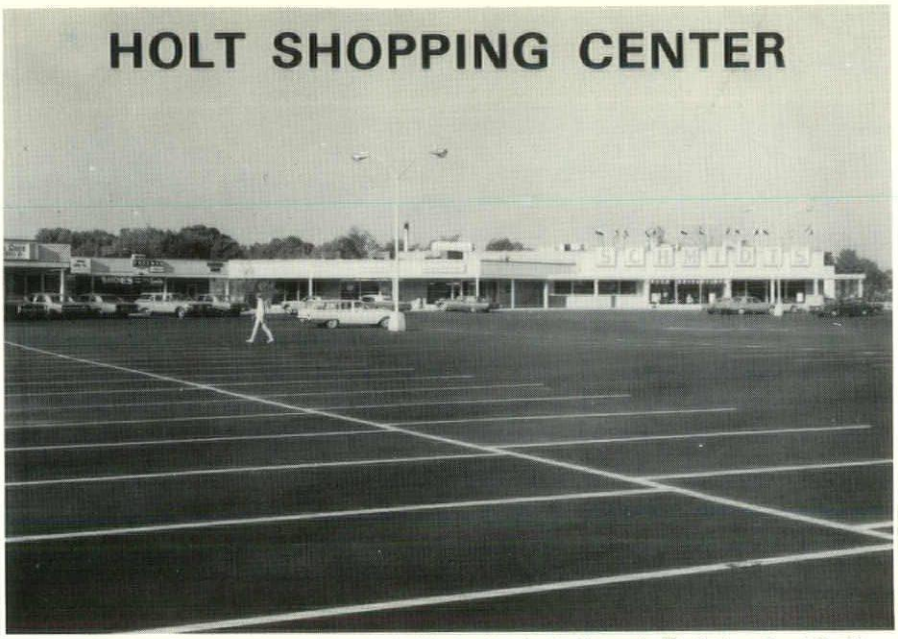


Duo-Wire
HORIZONTAL WALL REINFORCEMENT

LIGHT WEIGHT AGGREGATE CORPORATION
27611 SCHOOLCRAFT/LIVONIA, MICHIGAN—48150
TELEPHONE • 313/421-6565/533-3379

American Concrete Institute; Concrete Improvement Board; Concrete Products Association of Michigan; Construction Specifications Institute, Detroit Chapter; Expanded Clay and Shale Association

Hot Mix Asphalt Base Speeds Construction



Architects: Hornbach, Steenwyk, Thrall, Inc., Grand Rapids

This shopping center used modern asphalt methods to avoid the mud and snow problems that generally accompany construction. In the fall of 1966, the Spartan Asphalt Paving Co. laid a hot mix asphalt base of 3½". This was used to reach construction sites and store materials until the shopping center was finished this summer. Then the finish course, a one-inch stone filled sheet asphalt, was put down, striped for parking and lane direction and they were open for business. The truck drive uses a 5¼" hot mix asphalt base to accommodate the heavier axle load. Seamless asphalt will serve the community of Holt for many years to come. This fine job is typical of what you can expect when you let your job to a prequalified MAPA member.

The Octagon
1735 New York Avenue, N.W.
Washington 6, D. C. 20006

MICHIGAN ASPHALT PAVING ASSOCIATION, INC.

708 Prudden Building **Lansing, Michigan 48933** **Phone 482-0111**

MEMBERSHIP ROSTER

A & A ASPHALT PAVING CO., Birmingham
ANN ARBOR CONSTRUCTION CO., Ann Arbor
ASPHALT PRODUCTS CORP., Detroit (Affiliate)
AYLING-CUNNINGHAM ASPHALT PAVING CO., Tecumseh
BLUE WATER ASPHALT CO., INC., Port Huron
CADILLAC ASPHALT PAVING CO., Detroit
CENTRAL PAVING COMPANY, West Branch
COOKE CONTRACTING CO., THE, Detroit
DETROIT ASPHALT PAVING CO., Detroit
DETROIT CONCRETE PRODUCTS CORP., Novi
FLINT ASPHALT & PAVING CO., Flint
FOX VALLEY CONSTRUCTION CO., Appleton, Wisc.
GLOBE CONSTRUCTION CO., Kalamazoo
GRAND RAPIDS ASPHALT PAVING CO., Gd. Rapids
THE HICKS COMPANY, Alma
HODGKISS & DOUMA, Petoskey
HOWELL CONSTRUCTION COMPANY, INC., Whitmore Lake
KLETT CONSTRUCTION CO., Hartford
MATHY CONSTRUCTION CO., LaCrosse, Wisc.
MICHIGAN COLPROVIA CO., Grand Rapids
MIDLAND CONTRACTING CO., Midland
PAUL C. MILLER, Sparta
OAKLAND PAVING CO., Berkley
PAYNE & DOLAN OF WISCONSIN, INC., Milwaukee, Wisc.
PEAKE ASPHALT PAVING CO., INC., Utica
PENINSULA ASPHALT & CONSTRUCTION CO., Traverse City
RIETH-RILEY CONSTRUCTION CO., INC., Battle Creek
SAGINAW ASPHALT PAVING CO., Saginaw
SPARTAN ASPHALT PAVING CO., Holt
STOLARUK ASPHALT PAVING, INC., Southfield
FRANK STRAUSBERG & SON, Saginaw
THOMPSON-McCULLY CO., Belleville
WARD & VAN NUCK, INC., Mount Clemens
WASHTENAW ASPHALT CO., Ann Arbor
WEST SHORE CONSTRUCTION CO., Zeeland
WORKMAN-RICHARDSON ASPHALT CO. Jackson
JOHN G. YERINGTON, Benton Harbor

ASSOCIATE MEMBERS

AMERICAN AGGREGATES CORPORATION, Detroit
BITUMINOUS MATERIALS, INC., Jackson
CHICAGO TESTING LABORATORY, INC., Chicago
CLARK EQUIP. CO., CONST. EQUIP. DIV., Benton Harbor
E. J. COOPER EQUIPMENT, INC., Southfield
ENTERPRISE OIL AND GAS CO., Detroit
R. E. GLANCY, INC., Tawas City
GREAT LAKES MATERIALS COMPANY, Lansing
GUSTAFSON OIL COMPANY, Green Bay, Wisc.
INDUSTRIAL FUEL & ASPHALT CORP., Grand Rapids
KAFKA ASPHALT & PETROLEUM CO., Iron Mountain
LEONARD REFINERIES, INC., Alma
EDW. C. LEVY CO., Detroit
MANEGOLD EQUIPMENT CO., INC., Southfield
MICHIGAN TESTING ENGINEERS, INC., Detroit
PAMS PRODUCTS CORPORATION, Detroit
REAUME CO., DOUGLAS, Southfield
SENECA PETROLEUM CO., INC., Chicago
SINCLAIR REFINING CO., Kansas City
STANDARD OIL DIVISION, AMERICAN OIL CO., Southfield
STRAITS AGGREGATE & EQUIPMENT CORP., Oscoda

MAPA

MATTER AT
DETROIT, MICH.